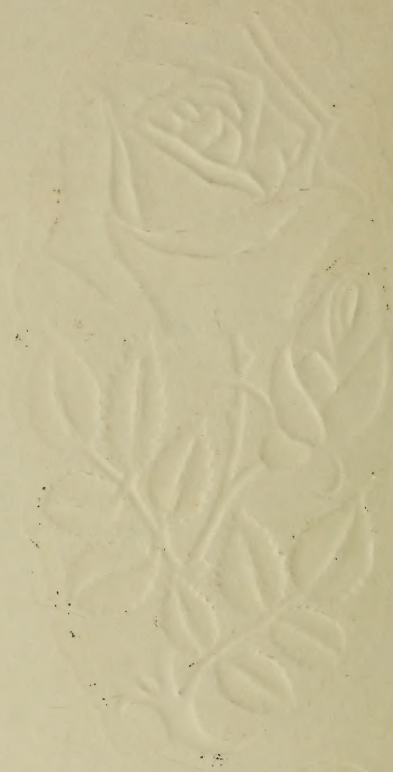




The
ROSE
SOCIETY
OF ONTARIO
1928



THE
ROSE
SOCIETY
OF
ONTARIO
1932



MRS ANNE GRABER
10 FAIRFAX CRES
SCARBOROUGH ONTARIO
M1L 1Z8

YEAR BOOK
OF
The Rose Society of Ontario
1928

"You cannot thoughtfully so much as cultivate a rose bush through to leaves and buds and blossoms without feeling a kinship for it, and a partnership with the Creator in the creation of beauty on the earth. As the rose unfolds, something unfolds within you—unfolds and spreads fair petals to Heaven."—Anne Shannon Monroe.

THE MACOOMB PRESS
TORONTO

Patrons and Patronesses

THEIR EXCELLENCIES, THE GOVERNOR-GENERAL AND
VISCOUNTESS WILLINGDON

HIS HONOR, THE LIEUTENANT-GOVERNOR OF ONTARIO
AND MRS. ROSS

LADY EATON

MRS. G. G. ADAM

MRS. W. B. BURGUYNE

SIR JOSEPH FLAVELLE

SIR CLIFFORD SIFTON

SIR EDWARD KEMP

COL. W. G. MACKENDRICK

MR. R. S. McLAUGHLIN

Officers

HON. PRESIDENT—MR. F. BARRY HAYES.

HON. VICE-PRESIDENT—PROF. A. H. MACLENNAN.

PRESIDENT—MR. P. H. MITCHELL.

VICE-PRESIDENTS—MR. C. E. BURDEN, PROF. A. H. TOMLINSON,
MR. F. A. KENT, MR. A. J. WEBSTER.

SECRETARY—MR. PAUL B. SANDERS, O.A.C., Guelph.

HON. TREASURER—MR. S. B. BRUSH, 32 Lowther Ave., Toronto.

BOARD OF DIRECTORS

MISS M. E. ARMOUR

MISS H. L. BEARDMORE

MR. HENRY BERTRAM

MR. SEELY B. BRUSH

MR. C. E. BURDEN

MR. BRYAN CHADWICK

*MR. JOHN H. DUNLOP

*MR. T. W. DUGGAN

*MRS. L. A. DUNNINGTON-GRUBB

MR. LIONEL GODSON

* Advisory Board.

MISS ELLA HARCOURT

*MR. FRED A. KENT

MR. P. H. MITCHELL

*MR. FRED H. MILLER

MR. C. W. PERRY

DR. A. H. ROLPH

MR. J. E. SAMPSON

*PROF. A. H. TOMLINSON

MR. A. J. WEBSTER

MRS. J. LOCKIE WILSON

EXHIBITION COMMITTEE

MR. F. A. KENT, Chairman

MISS M. E. ARMOUR

MR. N. F. AMES

MR. BRYAN CHADWICK

MR. F. E. COLLINS

MR. FRANK DUNLOP

MRS. L. A. DUNNINGTON-GRUBB

MR. S. A. FROST

MR. E. J. GOLDSWORTHY

MISS ELLA HARCOURT

MR. C. H. HIGHAM

MRS. J. R. KENNEDY

MR. G. I. KITCHEN

MR. J. E. SAMPSON, Vice-Chairman

MR. C. A. G. MATTHEWS

MR. FRED H. MILLER

MR. G. C. T. PEMBERTON

MR. C. W. PERRY

MR. A. G. ROBERTS

DR. A. H. ROLPH

MR. FORD WATSON

MR. A. J. WEBSTER

MR. JOSEPH WEIS

MR. P. L. WHYTOCK

MR. S. WILLIAMSON

MRS. J. LOCKIE WILSON

DISTRICT REPRESENTATIVES, EXHIBITION COMMITTEE

Mr. R. S. McLAUGHLIN.....	Oshawa, Ont.
Rev. Dr. Scott.....	Perth, Ont.
Mr. A. H. FLETCHER.....	Bowmanville, Ont.
Mr. A. W. CRESSMAN.....	Peterboro, Ont.
Col. HUGH A. ROSE.....	Welland, Ont.

MEMBERSHIP COMMITTEE

Mr. A. J. WEBSTER, Chairman	Mr. PAUL B. SANDERS,
MISS H. L. BEARDMORE	Vice-Chairman
Mr. HENRY BERTRAM	Mr. C. B. HUTCHINGS
Mr. ARTHUR BLUNDELL	Prof. A. H. MacLENNAN
Mr. S. B. BRUSH	Col. HUGH A. ROSE
Mrs. F. G. CARSWELL	Miss E. M. ROWLAND
Mr. C. W. CRUICKSHANK	Mr. T. M. STAUNTON
Mrs. A. ALAN GOW	Miss MYRTLE TEEPLE
Mr. H. C. HIGHAM	Mrs. J. LOCKIE WILSON

FINANCE COMMITTEE

Dr. A. H. ROLPH, Chairman	Mr. A. J. WEBSTER, Vice-Chairman
Mr. S. B. BRUSH	Mr. C. W. PERRY
Mr. F. A. KENT	

ADVERTISING COMMITTEE

Mr. C. W. PERRY, Chairman	Dr. A. H. ROLPH
Mr. S. B. BRUSH	Mr. P. B. SANDERS
Mr. F. A. KENT	Mr. A. J. WEBSTER
Mr. P. H. MITCHELL	Mrs. J. LOCKIE WILSON

PUBLICITY COMMITTEE

Miss M. E. ARMOUR, Chairman	Miss ELLA HARCOURT
Dr. A. H. ROLPH	

PROGRAMME COMMITTEE

Mr. P. H. MITCHELL,	Prof. A. H. TOMLINSON,
Chairman	Vice-Chairman

EDITOR OF THE ROSE ANNUAL

Miss ELLA HARCOURT, 179 Poplar Plains Road

REGISTRATION COMMITTEE

Miss MARY YATES (Chairman), Representative for the Provincial Registration Bureau of the Canadian Council of Horticulture.

AUDITORS

Mr. ROBERT LOUGH	Mr. G. C. T. PEMBERTON
------------------	------------------------

Index

PAGE

Title Page.....	1
Patrons and Patronesses.....	2
Officers.....	2
Foreword.....	5
Review of the Year.....	6
Secretary's Remarks.....	8
The Annual Meeting.....	10
Financial Statement.....	12
The Wars of the Roses Renewed.....	13
Record of Prize Winners, 1927.....	13
Winners of Challenge Trophies, 1927.....	14
The Summer Exhibition Prize List, 1928.....	15
The Annual Rose Show, 1927.....	20
A Tribute.....	22
Report of Membership Committee.....	23
The Summer Show of the National Rose Society.....	24
The Rose in New South Wales.....	26
Understocks for Roses.....	28
"Blue Blooded" Roses.....	32
Autumn Bloom in the Garden.....	36
To a Late Rose.....	38
Fall Planting of Hardy Roses in Ontario.....	39
Canadian Roses.....	41
Mr. Alexander W. Montgomery.....	43
Hardy Roses.....	43
Members' Reports of New Roses.....	48
Supplementary List of New Roses.....	52
Supplementary Report of A. J. Webster.....	55
Roses in the Inner Temple.....	56
Pernetiana Roses.....	56
"Pinched" Roses.....	58
Gardening Difficulties.....	60
Soil Moisture.....	60
Rose Pests and Their Control.....	61
Advice to Beginners in Rose Growing.....	63
Short List of Good Roses for Every Garden.....	65
List of New Roses, 1928.....	66
Notes of Members.....	68
The Rose in Alberta.....	68
Wintering Roses in Edmonton.....	69
Report of the Rose Show of the Aylmer Horticultural Society.....	70
The Constitution.....	71
Rules of the Rose Society of Ontario.....	72
By-Laws.....	73
List of Members.....	75



"AGNES"

Rosa rugosa. Winner of the Walter Van Fleet Gold Medal. Developed by Dr. William Saunders at the Central Experimental Farm, Ottawa, Ont.

Foreword

That forerunner of Spring, the Ontario Rose Annual for 1928, is here again to help the novice to grow good roses, the enthusiast to grow better roses, the expert to grow the best roses. Let us prepare to repair the ravages of the frosts and, what were infinitely more damaging, the thaws of winter, and see if we cannot have roses blooming from the end of May to the middle of November in the season which lies before us. If we plant the roses listed in the articles on Hardy Roses and Autumn Roses we can lengthen our season of bloom considerably at either end.

We are proud of this Year Book for two reasons. One is that almost all the information in it comes from Ontario,—showing that our rose growers are now getting results from their experiments and are fast becoming masters of the various soil and weather conditions in different parts of our Province. The other source of pride is the report of the successful raising of many lovely Canadian roses both in the greenhouses and in the gardens.

All you lucky dwellers in the country and suburban places, all those who have summer cottages, villas, or farm houses, why do you not grow these beautiful Briar and Rugosa roses,—many of them raised in Canada, inured to our winters, unattractive only to insects, rejoicing the beholder with their wealth of bloom in the early summer, and, in the case of the Rugosas, delighting the eye again in the Autumn with their beautiful fruit? When we pay a summer visit to the Old Country we are enraptured with the climbing roses over the quaint cottages, and enthusiastic about the yellow rose bushes before the door of every village dwelling. We may not be able to have Climbing Mareshal Niels and Madame Herriots here, but anyone can have Hiawatha and Dorothy Perkins, and, if you will only plant them properly, the yellow briar bushes will be there each year to greet you when you open your summer cottage. Imagine the lovely contrast they will make to the evergreens and grey rocks of the Muskoka district or to the blue waters of our Northern lakes.

“Pleasaunt cleare ayres, sweete Gardens, goodly hilles, in dayes temperate, when one may see far off, these be good.”

—THE EDITOR.

Review of the Year

By Prof. A. H. Tomlinson

The past year has been a most successful one for the Ontario Rose Society, due largely to the splendid work of our esteemed secretary, Miss Mildred Galbraith, who is responsible for so many of the activities carried on by the society. No tribute is too great to pay Miss Galbraith for her ingenuity and zeal for the benefit of the Rose Society.

Of the Society's executive, the editor of the Society's Rose Annual, viz., Miss Ella Harcourt, deserves special mention for the manner in which the volume has been edited and compiled. Miss Harcourt must be given special praise for her untiring energies.

Of the following gentlemen much could be said, and the Society's gratitude is due to them for the success of their respective departments, viz., Mr. J. E. Sampson for the great success of the Annual Rose Show, held in July at the King Edward Hotel, in Toronto; Mr. A. J. Webster, chairman of the membership committee, who must be given special credit for the tremendous increase in membership. Mr. C. W. Perry, chief of the advertising section, who did splendid service and brought much financial aid to the Society. Whilst other members of the executive too did excellent work throughout the year.

Visiting noted Rose Gardens is always a delightful feature. This year most interesting visits were made by members to Mrs. Walter Massey's beautiful estate at Dentonia Park, the Royal Canadian Yacht Club's Rose Garden, and Messrs. Miller and Sons greenhouses at Lauder Ave. and Concord. Grateful thanks of the Society is due to those who so kindly arranged these enjoyable entertainments. The Society is also indebted to those who have been good enough to deliver lectures during the past year. These have been most helpful. Their hearty thanks are also due to the judges who so patiently did service at the Show in July.

In connection with the future of the Ontario Rose Society, it is hoped that a greater affinity will be brought about between the Society and Government Institutions. The Society appreciates the good work done at the Ontario Agricultural

College in the planting of a large number of Rose varieties and it is hoped that this Demonstration and Test Rose Garden will be increased in size, so that all types of hardy species and varieties, as well as the more tender forms, may be grown. In fact, it is hoped that a Rose garden par excellence will be designed and kept going at the O.A.C. Professor A. H. MacLennan has been most anxious at all times to further the interests of the R.S.O. The Society values the co-operation of the Dominion Experimental Farm officials, and also the work done in connection with the Rose Garden at Ottawa, and trusts that this good work will be fostered in every way by the authorities. At these test gardens observations may be made of the various problems confronting the Rose growers. Perhaps it is not out of place again to suggest that Toronto city may yet have a new Rose garden, several acres in extent, and containing all types of roses. Several towns are making headway in this connection. May the time arrive when endowments will come to us. What could be better than for some interested Rose lover to aid financially in carrying on continuous research and experimental work with his favorite flower? The Society would appreciate such interest.

SUMMER COURSES

Partially on the recommendation of the Ontario Rose Society, a short course in Ornamental Horticulture is held annually in June at the Ontario Agricultural College. This society suggests that this coming season special lectures again be given on the cultivation of hardy Roses, mentioning the best varieties for small gardens as well as instruction in exhibiting and judging; furthermore the President hopes that those who are able will avail themselves of this wonderful opportunity and attend a part at least of the two weeks short course in Floriculture and Landscape Art.

EXHIBITIONS

In connection with the Annual Exhibition, it would seem that shortly a larger hall will be necessary. May this soon come about, so that, at these exhibitions, the Rose loving public and the Society will see Rose blooms staged to full advantage. This can be helped by a larger number of exhibitors and more support from those interested.

INDIVIDUAL REPORTS ON ROSES GROWN

The R.S.O. hopes that Rose growers, who are anxious to further Rose growing, will co-operate with the society in making an annual report, if possible, in connection with the success or failure of their Roses according to climatic conditions, culture and varieties.

NEW VARIETIES

These are always welcome. It is hoped that more Canadian-raised new forms will soon be seen. There is need for more hardy, vigorous and disease-resistant, yet beautiful, sweet-smelling types. Thus, the amateur or professional plant breeder has every chance to produce roses which will give ever finer results under Ontario's conditions. Varieties that come from Europe are many of them most beautiful and reliable, but others are so disappointing under our conditions. Tender varieties can be grown with care but there are a few Roses that are really hardy, standing our rigorous winters without nursing. Canadian hardy roses are wanted which will be excellent in form, size, colour and odour.

In conclusion let us suggest that this Society gives its support to the present Demonstration and Test Gardens, with the object always in view of obtaining newer and larger ones; that its members work together to bring about a larger Rose Exhibition; that they encourage plant breeding so that new roses may be forthcoming of Ontario's own, which will be hardy and beautiful, with the result that the popularity of the Rose as Queen of Flowers may be ever greater and that it may be grown in many more gardens successfully through the planting of the right varieties and the giving of proper care and attention.

Secretary's Remarks

There is no doubt that the Rose Society of Ontario has passed the stage of infancy; it is now a lusty and vigorous youth, and is growing rapidly as only a sturdy well nourished youth can. As the Society now has, due to the tireless energy of the Membership Committee, reached a membership of more than 1,100, we can justly and pridefully claim that it is the third largest organization, devoted exclusively to the Rose, in existence.

Too much praise and gratitude cannot be shown to those whose efforts have been so fully rewarded, and who have laboured so enthusiastically and devotedly that they have given the Society an impetus which will carry it to heights of undreamed value.

This year the Society is unfortunate in having lost the secretarial services of Mrs. J. Lockie Wilson (nee Mildred Galbraith), the most indefatigable and exuberant supporter of the Rose and its culture it has been my pleasure to meet. Without question the former Hon. Secretary has done more in the past five years to establish the Society on its splendid foundation than has any other individual. One of her last acts, in her official capacity, was to secure the affiliation of the Edmonton Horticultural and Vacant Lots Garden Association—a goal she had aimed at for some considerable time and towards which she worked with unceasing endeavour. Mutual congratulations are due her and this newly affiliated Society; to her, because of her success in aiding the Rose Society in this manner, and to the directorate of the Edmonton Society on its expression of good faith and good will. We are indeed fortunate in having Mrs. Wilson on the directorate of our Society; for we feel, that having lost her valuable services in one capacity, we will still feel the benefit of her truly tremendous energy and enthusiasm.

Not so long ago one of the directors of our Society told me of a "dream"; and who is there who doesn't dream at times? This particular dream, which impressed me very deeply and which I believe should be fostered until it becomes a reality, is to have our Society hold three shows each year; one in the central part of the Province; one in the eastern section, and one in some western centre. Dreams such as this should be encouraged because they lead us towards definite action in increasing the value of the Society to its members. Undoubtedly such an arrangement will, in time, become quite feasible; and it is an idea certainly worth the earnest consideration of every member of the Society.

As incoming Secretary, I have been requested to write a few introductory remarks; whether to introduce myself or some other matter was not definitely stated! As for myself, I have nothing to say; but I cannot possibly overemphasize the generous offers of assistance; the actual aid already rendered; and the whole-hearted co-operation with which I have met at every turn during my very brief occupancy of the secretaryship.

PAUL B. SANDERS

The Annual Meeting

The Annual Meeting of the Rose Society of Ontario was held at the Central Y.W.C.A. Auditorium, 21 McGill St., Toronto, on the evening of December 15th, 1927, at 8.15 o'clock.

The meeting was called to order at 8.30 by Prof. A. H. Tomlinson, of the Ontario Agricultural College, Guelph, Ont., who occupied the chair.

It was proposed by Mr. Brush, seconded by Mr. David Johnson, and carried, "That the minutes of the last Annual Meeting be taken as read."

The reports of the various committees were then given and will be found elsewhere in this book.

FINANCIAL REPORT

Moved by Mr. Brush, seconded by Prof. MacLennan, and carried, "That the report as presented be adopted."

EXHIBITION COMMITTEE

In the absence of Mr. J. E. Sampson, the chairman, the report was read by Prof. Tomlinson. Moved by Dr. Rolph, seconded by Mr. Mitchell, and carried, that "This excellent report be adopted."

MEMBERSHIP COMMITTEE

Moved by Mr. A. J. Webster, chairman, seconded by Mr. Walsh, and carried, "That this report be adopted."

Moved by Mr. Webster, seconded by Mr. H. C. Higham, and carried, "That Messrs. Robt. Lough and G. C. T. Pemberton be appointed auditors for 1928."

PRESIDENT'S ADDRESS

In the unavoidable absence of the president, Mr. F. Barry Hayes, a very excellent report was read by Prof. Tomlinson, giving a concise account of the activities of the Society for the past year.

ELECTION OF OFFICERS

It was moved by Prof. MacLennan, seconded by Mr. Keith, and carried, "That the nominations be closed and the committee of 20, whose names were read (and which appear on another page of this book) be elected."

Moved by Mr. Mitchell, seconded by Mr. Webster, and carried, "That the set of by-laws read at the 1926 Annual Meeting and having a second reading at this meeting, be now finally passed." (A resolution was passed at the last annual meeting empowering the Board of Directors to operate under the terms and provisions of the set of by-laws during the year just closing.)

CHANGES IN CONSTITUTION

Moved by Mr. Webster, seconded by Dr. Rolph, and carried, "That Class 5 read as follows:—"A novice is an amateur who has never exhibited roses at any previous show."

CHANGES IN RULES AND REGULATIONS

Moved by Mr. Mitchell, seconded by Mr. Webster, and carried, "That Clause 3 in Rules and Regulations be altered to read: "If a member is elected after December 1st in any year and before the following January, his or her subscription shall be taken as for the following year and the Rose Society's year end with the calendar year."

Moved by Mr. Mitchell, seconded by Mr. Webster, and carried, that Clause 4 in Rules and Regulations be amended as follows: "Any member may, upon payment of \$25.00, be declared a Life Member. This takes effect after January 1, 1928."

REPRESENTATION ON C.N.E.

It was moved by Dr. A. H. Rolph, seconded by Mr. Bryan Chadwick, and carried, "That the members of the Rose Society of Ontario make application to the Canadian National Exhibition for representation on their membership."

SPEAKER'S ADDRESS

Mr. Paul B. Sanders, O.A.C., Guelph, Ont., gave a most interesting and instructive lecture on "Spring and Fall Treatment and Best New Varieties for Ontario." This was followed by lantern slides of a large number of beautiful specimens of roses.

A vote of thanks was proposed by Mr. Fred Kent, and seconded by Miss Beardmore, that the thanks of the meeting be tendered to the speaker and all who contributed towards this annual meeting.

MILDRED GALBRAITH,
Hon. Secretary.

FINANCIAL STATEMENT, DECEMBER 14th, 1927

RECEIPTS:

Balance, November 25th, 1927.....	\$ 224.90
Fees Life Members.....	\$150.02
Sustaining Members.....	175.00
Ordinary Members.....	822.00
Affiliated Societies.....	10.00
	<hr/>
Donations.....	1,157.02
Donations to Prize Fund.....	156.00
Advertisements Year Book.....	257.00
	<hr/>
Exhibition:	
Entries.....	\$ 55.55
Auction.....	112.65
Door.....	185.70
1926 Tickets remitted.....	10.00
1927 Tickets remitted.....	188.15
	<hr/>
	552.05

DISBURSED:

Total.....\$2,897.17

Exhibition:

Advertising.....	\$113.48
Stationery.....	137.24
Postage.....	35.00
Music.....	35.00
Decoration.....	6.60
Moss.....	5.00
Hall.....	164.75
Cartage and Attendants.....	24.00
Signs and Cards.....	23.00
Sundry.....	17.03
	<hr/>
	\$ 561.10
Prize Fund Awards.....	338.56
Year Book.....	631.28
Year Book, 1928.....	50.63
Reserve for Life Members.....	200.00
Lectures and Entertainments.....	240.38
Expense (Maintenance):	
Annual Meeting.....	\$ 49.85
Postage.....	99.65
Stationery.....	155.07
Stenographer.....	20.25
Assistant Secretary.....	141.59
Advertising.....	26.02
Sundry.....	13.83
	<hr/>
	506.26
Honorarium.....	100.00
Horticultural Council.....	10.00
Vases (stock).....	45.00
	<hr/>
Total.....	\$2,683.21
Balance.....	213.96

\$2,897.17

Audited December 14th, 1927.

A. J. WEBSTER,
ROBT. LOUGH, Auditors

Submitted at Annual Meeting, December 15th.

SEELY B. BRUSH,
Hon. Treasurer.

The Wars of the Roses Renewed

Warfare, yes, but no bloodshed! This is the occasion of the annual exhibition of The Rose Society of Ontario and the Pompeian Room, Yellow Room and adjacent corridor at the King Edward Hotel are a riot of color, while the atmosphere is laden with rose fragrance and charged with rose enthusiasm. To rose lovers this is the event of the year,—one which the exhibitors have for months anticipated with a sense of pleasure. It is an occasion for the renewal of rose friendships, for the discussion of rose pleasures and rose troubles as well as for observation of new varieties and their comparison with old and tried sorts. It is also an occasion for thrills of delight and satisfaction to the exhibitor if his pet bloom has found favor with the judge; and of disappointment if the reverse should be the case. Sportsmanship is ever evident, however, and one hears no murmurings of dissatisfaction but rather expressions of determination to grow better roses next year.

M.G.

Record of Prize Winners, 1927

Winner of Sweepstakes Medal for the Highest Aggregate Score of points—
Col. H. A. Rose, Welland, Ontario.

Best Rose in the Show—a Souvenir de Claudius Pernet, shown by Mr. Henry Bertram, Dundas, Ontario.

Name	First	Prizes Second	Third	Cups	Med- als	Dip- lomas	Cash
Col. H. A. Rose.....	7	8	1	2	4	4	\$21.00
Mr. A. D. Heward....	9	3	1	6	1	1	\$17.00
Mr. Henry Bertram....	6	4	1	4	.....	2	\$13.00
Mr. A. H. Fletcher....	6	7	1	.....	.....	6	\$34.00
Mr. A. J. Webster.....	3	2	1	2	.....	1	\$10.00
Miss E. M. Grafton....	2	1	2	.....	1	2	\$5.00
Mrs. J. R. Kennedy....	1	2	5	1	.....	.....	\$15.00
Mr. S. Williamson....	2	1	.....	.....	.....	2	\$10.00
Mrs. H. V. Tyrrell....	2	1	.....	1	.....	2	\$5.00
Mr. Wm. Little.....	1	2	2	.....	.....	3	\$8.00
Miss Helen Beardmore..	1	.....	2	1	.....	1	\$2.00
Mr. W. J. Lawrence....	1	1	.....	.....	1	.....	\$3.00
Mrs. A. Gow.....	1	1	.....	1	.....	1	.....
Mrs. R. W. Dixon.....	1	.....	.....	.....	.....	.....	\$6.00
Mrs. E. Blagg.....	1	.....	.....	1	.....	.....	.....
Mr. E. J. Goldsworthy..	1	.....	.....	.....	1	.....	.....
Miss E. M. Rowland....	.....	1	4	.....	.....	4	\$3.00
Miss Myrtle W. Peck....	.....	2	2	.....	.....	2	\$5.00
Mrs. G. Templeton....	.....	1	1	.....	.....	.....	\$5.00
Miss Olive Brush.....	.....	2	.....	.....	.....	.....	\$6.00
Mr. D. Johnson.....	.....	1	1	.....	.....	.....	\$5.00
Mr. J. A. C. Cameron....	.....	1	.....	.....	.....	.....	\$5.00
Miss J. Wallbridge....	.....	.....	1	.....	.....	.....	\$3.00
Miss K. Mathieson....	1	.....	.....	.....	.....	.....	\$2.00
Professional Classes:	.....	.....	.....	.....	.....	.....	.....
Miller & Sons.....	2	.....	1	.....	.....	.....	\$45.00
S. A. Frost.....	1	.....	.....	.....	.....	.....	\$15.00
Mr. R. S. McLaughlin..	1	.....	.....	1	.....	.....	.....
Bedford Park Floral Co.....	.....	1	.....	.....	.....	.....	\$15.00
Mrs. Percy Waters....	.....	1	.....	.....	.....	.....	\$10.00

Winners of Challenge Trophies, 1927

- "Avoca Vale" Memorial Challenge Cup, presented by Mr. J. T. Moore, Avoca Vale, Moore Park, for the best exhibit of 36 roses.—Won by Col. Hugh A. Rose.
- "Ella Baines" Memorial Challenge Cup, presented by Dr. Allen Baines, Toronto, in memory of the founder of the Rose Society of Ontario, Mrs. Allen Baines.—Won by Mr. Henry Bertram, Dundas, Ont.
- "Roseholme" Challenge Cup, presented by Mrs. Walter H. Lyon, Toronto, for the most beautiful arrangement of roses.—Won by Mr. A. D. Heward.
- "McGredy" Challenge Cup, presented by Messrs. McGredy & Co., Portadown, Ireland, for the best 48 H.P.'s, H.T.'s, or T.'s.—Won by Mr. Henry Bertram, Dundas, Ont.
- "Burden" Challenge Cup, presented by Mr. and Mrs. C. E. Burden, Toronto, for specimen rose shown in a vase.—Won by Mr. A. J. Webster.
- "Mitchell" Challenge Cup, presented by Mr. P. H. Mitchell, Toronto, for the best rose in the Exhibition.—Won by Mr. Henry Bertram.
- "Merryweathers" Challenge Cup, presented by H. Merryweather & Sons, Southwell, England, for the best 12 H.T.'s shown in a vase.—Won by Mr. A. D. Heward.
- "Lady Kemp" Memorial Challenge Cup, presented by Sir Edward Kemp, Toronto, in memory of the late Lady Kemp, for Class 37, Decorative.—Won by Mr. A. J. Webster.
- "Ellis" Challenge Trophy, presented by Ellis Bros., 98 Yonge St., Toronto, for a basket of roses.—Won by Mrs. H. V. Tyrrell.
- "Barry Hayes" Challenge Trophy, presented by Mr. F. Barry Hayes, Toronto, for a small decoration of roses for a tea tray or table.—Won by Mrs. E. Blagg.
- "Dunlop" Challenge Trophy, presented by J. H. Dunlop & Son, Adelaide St., Toronto, for a display of roses covering 40 square feet; open to the Province of Ontario.—No Entries.
- "F. A. Kent" Challenge Trophy, presented by Mr. F. A. Kent.—Won by Mr. A. D. Heward.
- "Canadian Bank of Commerce" Challenge Trophy, presented by the Canadian Bank of Commerce.—Won by Mr. A. D. Heward.
- "F. Barry Hayes" Challenge Trophy, presented by Mr. F. Barry Hayes, to be competed for by rose growers with small gardens of 30 bushes or under.—Won by Mrs. A. Gow.
- "Major H. B. Burgoyne" Challenge Trophy, presented by Major H. B. Burgoyne.—Won by Mr. R. S. McLaughlin.
- "W. B. Burgoyne" Memorial Challenge Trophy, presented by Mrs. W. B. Burgoyne.—Won by Col. Hugh A. Rose.
- "Ellis Bros." Challenge Trophy, presented by Ellis Bros. Ltd., Toronto.—Won by Mrs. J. R. Kennedy.
- "Hugh A. Rose" Challenge Trophy, presented by Col. Hugh A. Rose.—Won by Miss H. L. Beardmore.
- "King Edward Hotel" Challenge Trophy, presented by the King Edward Hotel Co., Ltd.—Won by Mr. A. D. Heward.
- "Miss V. McGann" Challenge Trophy, presented by Miss V. McCann.—Won by Mr. A. D. Heward.

The Summer Exhibition Prize List, 1928

NOTE.—All roses in competition should be correctly and legibly named.

CLASSES

PROFESSIONAL COMMERCIAL (INDOOR ROSES)

Note:—All blooms in competition in classes 1-2-3 to be one pinch.

1. Vase of 25 Roses, any variety.....
 2. Vase of 50 Roses, any variety.....
- #### RETAIL FLORISTS SPECIAL
3. Best Decorative Basket of Roses, not to exceed 24 inches in height or width, quality of bloom and arrangement to count (any other than rose foliage may be used.)
 4. Display of Roses on table covering approximately 30 square feet, arrangement to count. Open to any displays from Civic, Community and Government gardens and from Horticultural Societies in the Province of Ontario.

PROFESSIONAL (Outdoor Roses)

5. Display of Roses on table covering approximately 30 square feet, arrangement to count in judging.

SEMI-PROFESSIONAL (Outdoor Roses)

6. Best 24 blooms, named, not less than six varieties shown in R.S.O. boxes.
7. Best exhibit of Roses, not over 36 and not less than 12 blooms or sprays of any kind, to be shown in R.S.O. boxes.

PRIZES

FIRST	SECOND	THIRD
\$15.00.....	\$10.00.....	\$5.00.....
\$25.00.....	\$15.00.....	\$10.00.....
\$15.00.....	\$10.00.....	\$5.00.....
Challenge Trophy, Dunlop & Sons	Silver Medal, R.S.O.	Bronze Medal R.S.O.
Challenge Trophy Major H. B. Burgoyne	Silver Medal, R.S.O.	Bronze Medal, R.S.O.
Silver Gilt Medal, R.S.O.	Diploma.....	Diploma
T. J. Moore Memorial Challenge Cup	Diploma.....	Diploma

CLASSES	PRIZES	
8. Best 48 H.P.'s or 48 H.T.'s, or 48 T.'s, to be shown in R.S.O. boxes.	Challenge Cup, S. McGredy & Sons	Diploma.....
9. Best 10 sprays of climbing roses, to be shown in vases.	\$5.00.....	Diploma.....
10. Best 10 Cream or White Roses, to be shown in a vase.	Challenge Trophy, Messrs. Kent. Ltd.	Diploma.....
SEMI-AMATEUR (Outdoor Roses)		
HYBRID PERPETUALS		
11. Best 12 H.P.'s, not less than 6 varieties shown in R.S.O. boxes, correctly and legibly named.	Ella Baines Memorial Challenge Cup	Diploma.....
12. Best 6 Red Roses, H.P.'s, correctly and legibly named, shown in R.S.O. boxes.	\$5.00.....	Diploma.....
13. Best 6 Pink Roses, H.P.'s, correctly and legibly named, shown in R.S.O. boxes.	\$5.00.....	Diploma.....
14. Best 6 White or Cream Roses, H.P.'s, correctly and legibly named, shown in R.S.O. boxes.	\$5.00.....	Diploma.....
AMATEUR (Outdoor Roses)		
HYBRID PERPETUALS		
15. Best 3 Roses, H.P.'s, shown in a vase.	\$3.00.....	Diploma.....
16. Best 6 Roses, H.P.'s, shown in a vase.	\$5.00.....	Diploma.....
NOVICE CLASS (Outdoor roses). (Novice is an Amateur who has never exhibited before.)	is an Amateur who has never exhibited before.)	Diploma.....
17. Best 6 Roses, H.P.'s, shown in a vase.	\$5.00.....	Diploma.....
SEMI-AMATEUR CLASSES (Outdoor Roses)		
HYBRID TEAS		
18. Best 12 H.T.'s, not less than 6 varieties, correctly and legibly named, shown in vases.	Challenge Cup, Fred. A. Kent	Diploma.....
19. Best 12 H.T.'s, correctly and legibly named, shown in vases.	Challenge Cup, Canadian Bank of Commerce (3 year challenge).	Diploma.....

20. Best 6 Red Roses, H.T.'s, correctly and legibly named, shown in a vase.	Challenge Trophy, Miss Vera McCann	Diploma.....	Diploma
21. Best 6 Pink Roses, H.T.'s, correctly and legibly named, shown in a vase.	\$5.00.....	Diploma.....	Diploma
22. Best 6 White or Cream Roses, H.T.'s, correctly and legibly named, shown in a vase.	\$5.00.....	Diploma.....	Diploma
23. Best 6 Yellow Roses, H.T.'s, correctly and legibly named, shown in a vase.	\$5.00.....	Diploma.....	Diploma
AMATEUR CLASSES (Amateurs may compete in any of the preceding classes).			
HYBRID TEAS (Outdoor Roses)			
24. Best 3 Roses, H.T.'s, shown in a vase.	\$3.00.....	\$2.00.....	\$1.00
25. Best 6 Roses, H.T.'s, any kind, shown in a vase.	\$5.00.....	\$3.00.....	\$2.00
26. Best 12 Roses, H.T.'s, any color, shown in vases, not necessary to be named.	Trophy	\$3.00.....	\$2.00
27. Best 12 Roses, H.T.'s, correctly and legibly named, shown in vases.	Challenge Cup, Merryweather & Sons, Ltd.	\$3.00.....	\$2.00
28. Best Specimen Bloom, any variety, shown in a vase, length of stem and foliage to be taken into consideration.	Challenge Trophy, Mr. and Mrs. C. E. Burden	\$3.00.....	\$2.00
NOVICE CLASSES. (Novice is an Amateur)			
HYBRID TEAS (Outdoor Roses)			
29. Best 6 H.T.'s, any color but pink, any kind, shown in a vase.	\$5.00.....	\$3.00.....	\$2.00
30. Best 6 H.T.'s, Pink, any kind, shown in a vase.	\$5.00.....	\$3.00.....	\$2.00
31. Best Specimen Bloom H.T., shown in a vase, length of stem and foliage to be taken into consideration.	Silver Medal, R.S.O.....	\$3.00.....	\$2.00
SPECIAL—EXTRA CLASS. (Novice is an Amateur who has never exhibited before.)			
(For the Small Gardens)			
32. Best exhibit of Roses, H.P.'s or H.T.'s, shown in vases (exhibitor not to have over 30 bushes in his garden).	Challenge Trophy, F. Barry Hayes	\$3.00.....	\$2.00

CLASSES		PRIZES	
DECORATIVE CLASSES (Open to all except (Outdoor Roses))		t commercial growers and florists).	
33. Most beautiful Basket of Roses, any size.....		W. B. Burgoyne Memorial Trophy	\$2.00
34. Roses to be arranged in a vase or bowl (not less than 6 varieties, and not more than 12 blooms, of any kind but ramblers).		Lady Kemp Memorial Trophy	\$2.00
35. Best Bowl or Vase of Rambler Roses, arrangement will count.		Silver Medal, R.S.O.....	\$2.00
36. Best Bowl or Vase of Polyantha Roses, arrangement will count.		Silver Medal, R.S.O.....	\$2.00
37. Best Basket of Roses, any size, arrangement will be considered.		Challenge Trophy, Ellis Bros.	\$2.00
38. Small basket of roses (not to be higher or longer than 15 inches, including blooms).		\$5.00.....	\$2.00
39. Small Decoration of Roses (suitable for a 5 o'clock tea table or tea tray) to be arranged in a small vase or bowl (artistic arrangement and bloom will be considered).		Challenge Trophy, F. Barry Hayes	\$2.00
40. Bowl or Vase of finest Single Roses, arrangement to count.		\$5.00.....	\$2.00
41. Most beautiful Basket of Red Roses, any size, arrangement to count.		Challenge Trophy, Col. H. A. Rose	\$2.00
42. Most beautiful Basket of Pink Roses, any size (must include blooms of Queen Alexandra Rose), arrangement to count.		Challenge Trophy, King Edward Hotel	\$2.00
43. Most beautiful Basket of Yellow Roses, any size, arrangement to count.		American Rose Society's Silver Medal	Diploma
		American Rose Society's Bronze Medal	

44. Dinner Table Decoration, roses only, must be grown by the exhibitor, any foliage, flower receptacles to be supplied by the exhibitor, uniform tables and linen supplied by the Rose Society. Service for 8 persons provided by Ellis Bros. Entries in this class must be in three days previous to the show.	Roseholme Challenge Trophy, Mrs. Walter H. Lyon	\$3.00	\$2.00
45. Best Exhibit of New Roses, 5 years in Commerce.	\$5.00	Diploma	Diploma
46. Best Rose in the Show	Challenge Trophy, P. H. Mitchell	Diploma	Diploma
47. Specimen Rose, with the finest fragrance	J. R. Kennedy, bottle of perfume.	J. R. Kennedy, bottle of perfume.	Diploma

Gardening Illustrated Magazine offer a sweepstake bronze medal for the highest aggregate score.

NOTE:—Each first prize will be 3 points, each second prize will be 2 points, and each third prize will be 1 point.

Amateur:—Comprising all persons who do not grow flowers for profit, and who cultivate Roses without the assistance of skilled gardeners but may employ a laborer.

Novice is an amateur who has never exhibited before.

NOTE:—Prizes will not be awarded unless exhibits are worthy.

NOTE:—The R.S.O. Boxes, to be used in several classes, are hollow wooden boxes, which will be supplied by the Rose Society, the lids of which are covered with moss and pierced with 6 or 12 holes into which fit glass tubes containing water.

The Annual Rose Show, 1927

After a few days of bleaching heat, which filled the heart of the rose grower with dismay, the weather man relented and July 5th, the day chosen for the 14th Annual Rose Show of the Rose Society of Ontario, was perfection. In many gardens, however, the best bloom was past and that accounts for the fact that, although those who could exhibit showed more than usual, there were not as many exhibitors as in the previous year. Everyone admits that the quality of the roses improves as the years go by and the arrangement of the various classes was most effective. The Pompeiian Room at the King Edward Hotel was again used for the greater number of the exhibits, but this year the Decorative Classes were shown in a room across the corridor, where the ample space and pretty lighting greatly added to the visitors' enjoyment.

The generosity of the various professional growers in arranging such lovely flowers for decorative purposes helped to make the Rose Show memorably beautiful. The great masses of marvellous Delphinium from Dunlop's & MacKay's, the lovely column of graceful Cyripediums from Frost's, the corner arranged by Dale's, Brampton, with its hundreds of Delphinium, pink Carnations and Gladioli, Shasta Daisies and Pyrethium, rested the eyes and sent them back to the roses with a cleared vision.

The place of honour this year must go to the Souvenir de Claudius Pernet. It has dethroned that old time Queen of Rose Shows, Frau Karl Druschki. Few of us mourn, as it was always felt that a rose without a perfume was only half a rose. A Claudius Pernet, grown by Mr. Henry Bertram, of Dundas, was chosen as the Best Rose in the Show and, mounted in state on a revolving stand, it endured the usual criticism adverse and otherwise. People fail to realize the difficulty of picking out one "best" rose from hundreds equally good. In nothing is the individual taste more varied than in roses, so there is usually great wonder expressed at the judges' choice. Fortunately many of the remarks take the form of,—"Why, I had one far better than that in my garden last week!" That, of course, is just what the Committee wants, as next year all those greatly encouraged amateurs will exhibit! But the difficulty is to have that perfect rose at the right moment. "Never the time and the

place and the loved one all together" applies perfectly to rose exhibiting. Lovely blooms of Claudius Pernet were shown in the baskets of the professional growers, in a delightfully cool yellow and white table arrangement, and in many amateur classes, demonstrating it to be one of the few roses which succeeds equally well under glass and in the garden.

The most interesting exhibit, from the amateur grower's standpoint, was Mr. A. B. Heward's bowl of the much talked of new single rose, Dainty Bess. It proved to be as lovely as we expected and next year the blooms should be even larger, as those exhibited were from bushes planted only this year. A delightful novelty was the prize donated by Mr. J. R. Kennedy for the rose with the finest perfume. Mr. Henry Bertram won this with a Georg Arends, which was a triumph for the hybridist as the Arends is the scentless Druschki turned a lovely pink and delicately perfumed by inspired budding with the American Beauty. Once again Col. Hugh A. Rose, of Welland, led the exhibitors with the greatest number of points. Whether a grower with any other name could do as well is a question, but the fact remains that they have not yet succeeded and Col. Rose's roses have carried all before them for two consecutive years!

From a multitude of exquisite floral pictures, still dwelling in my mind, two stand out. One a vivid, rather Spanish bit of colouring, arranged by Dunlop's, as a table decoration, a blending of the deep coral spikes of Heuchera with the brilliant buds of the Alexandra Dreux rose. The other was Miss Mathieson's tiny blue basket of exquisitely dainty pink roses which won from the judges 100%,—no mean feat to obtain perfection at the Ontario Rose Show!

The large displays from Lady Eaton's and Mr. R. S. McLaughlin's gardens, from Miller & Sons Conservatories, the special exhibits from E. D. Smith, Winona, from the Markham Demonstration Gardens, and the Ontario Agricultural College, the lovely group of McGredy's Irish Roses were all very fine indeed, and helped to give a practical demonstration of the words spoken by the Premier, Hon. Mr. Howard Ferguson, as he looked proudly around, "We can grow ANYTHING in Ontario!"

Mr. J. E. Sampson, the Chairman, and his most efficient Exhibition Committee are to be congratulated on the complete success of their arrangements.

A special card, engraved with the crest of the R.S.O., was presented to each exhibitor as a souvenir of Canada's Sixtieth Anniversary of Confederation.

E. M. H.

A Tribute

Miss Mildred Galbraith, as she has been known to all members of The Rose Society of Ontario, retired from the office of Honorary Secretary at the last board meeting, held in December, to become Mrs. J. Lockie Wilson.

The members affectionately wish her every happiness in her married life.

She served the Society for two years on the Exhibition Committee, and for 5½ years acted as Honorary Secretary.

Few societies have had the benefit of more loyal service. She gave to the Society, not only brains and understanding, but untiring work for the love of the flower we all bow down to.

Only the President and Directors can fully appreciate her service, and the energy she expended for the cause during her term of office.

The Annual Exhibition of roses is a most arduous time for all concerned. The strain falls especially upon the Chairman of the Exhibition Committee, the Treasurer and the Secretary. It has been largely due to the tact and fine organizing ability of the Secretary that smooth running on these occasions has been insured.

During her term of office, the Society has grown from an almost local affair to its present provincial wide expansion. It has become necessary to supply the services of a stenographer during the past two years, for the directors have realized that the call upon the time of voluntary workers cannot be allowed to exceed a reasonable limit.

We are proud of the fact that exhibitors now come from numbers of towns throughout Ontario, which interesting development has been largely due to Miss Galbraith. The professional displays now staged by many towns greatly increase the value and attractiveness of the Exhibition.

As a small remembrance of her delightful 8 years connection with the Rose Society, the President and Board of Directors went to Mrs. Lockie Wilson's new home, 582 Huron

Street, on February 2nd, to offer for her acceptance an enamelled travelling clock, a pearl brooch, and a bouquet of Kordes roses. The occasion was a merry and a happy one.

Mr. Lockie Wilson welcomed the delegates to his wife's drawing room, with all the courtesy of which he is past master. The bride herself was a picture of happiness in her pretty finery, and served a delicious tea for her visitors.

That veteran rose-grower, Mr. J. H. Dunlop, led the singing of "She's a Jolly Good Fellow," and the President, Mr. Percy Mitchell, proposed the health of the bride and bridegroom in felicitous phrases. The presentation was made by Miss Beardmore, during whose four years' presidency, Mrs. Lockie Wilson proved herself a tower of strength.

It says much for the progressive development of this Society, under Miss Galbraith's wise and sympathetic secretaryship, that the members can congratulate themselves this year upon the acceptance of the office by that genial young expert on roses, Mr. Paul Sanders, of Professor MacLennan's staff at the Ontario Agricultural College.

H. L. B.

Report of Membership Committee

15th December, 1927

Once again we are able to report substantial progress in our task of building up the membership, although to date we are 100 members short of the objective set for 31st December, 1927. The total of all ranks is now 1,100, a net increase of 189, but we actually obtained 274 new members, the difference being accounted for by withdrawals, lapses and deaths. We have deleted from the lists the names of those whose fees were in arrears two years or more.

At the organization meeting of our Committee in January, 1927, objectives were set for each member of the Committee, which fact introduced a new element of interest and which, I think, was helpful in bringing about the satisfactory increase in the membership. It was decided also to recommend to the Board of Directors that authority be given for the despatch of only two statements regarding membership fees and that the second notice be considered as final.

I desire to acknowledge gratefully the assistance and co-operation which I have received from the various members of the Committee, with special reference to the energy and enthusiasm displayed by Miss Galbraith, who is personally responsible for over one-third of the increase.

On behalf of the incoming Committee I desire to appeal to the entire membership for a greater degree of assistance than has been given in the past in this important work.

I beg to move the adoption of this report.

A. J. WEBSTER, Chairman.

The Summer Show of the National Rose Society

The Summer Show of The National Rose Society was held last year in the grounds of the Royal Hospital, Chelsea. A correspondent writes that the weather previous to the Show was a severe handicap, hard frosts and heavy storms, coming just when the roses were breaking into growth, having blighted many buds. In view of this condition, the high quality and the abundance of the blooms exhibited were remarkable. It rained so heavily on the morning of the Show that the water penetrated the tents and the hundreds of rose lovers needed all their enthusiasm, and that philosophy which comes from growing roses under difficulties, to persevere in wading around in the mud. An example was set by Queen Mary, who paid her customary visit in the afternoon and cheerfully braved the puddles,—no Sir Walter Raleigh being on hand to bridge them for her!

As usual the greatest interest centered around the new seedlings. Gold medals were awarded to two varieties:—"Everest" and "Lady Forteviot." Our correspondent reports the latter as being very fine,—a Pernetiana with glowing blooms of orange yellow, and beautifully glossy green foliage which should be mildew proof. It was shown by Messrs. Benjamin R. Cant & Sons, of Colchester. "Elizabeth of York" was another outstanding seedling, a cerise coloured Hybrid Tea, shown by Messrs. Dobbie & Co., of Edinburgh. A vigorous, pink flowered seedling of Rosa Multiflora, named "Chin-Chin," exhibited by F. Cant & Co., also received

special mention, and a new dwarf perpetual, polyantha variety, called "Sunshine," shown by W. Cutbush & Sons, of Barnet. In the latter the double flowers are red in bud and orange when fully expanded and are unusually sweet scented.

Messrs. A. Dickson, of Newtownards, Co. Down, won the Championship trophy for the finest group of roses staged. Their baskets containing particularly lovely specimens of "Betty Uprichard," "Shot Silk," "Sunstar" and "Lady Inchiquin."

The Nicholson Cup for the best rose of British or American origin, sent out between 1920 and 1925, was won by Messrs. Warner & Co., who showed splendid blooms of "Shot Silk," which by reason of its glowing colour showed up to particular advantage in the dull light of the tent.

In the amateur section the best group staged was by Mr. J. N. Hart. A large basket of crimson roses containing "Red Letter Day," "Etoile de Hollande" and "Lord Charlemont" being the feature of his exhibit. Once more the lovely lemon yellow "Roselandia" and the exquisite single rose, "Dainty Bess," carried all before them in the Decorative Classes.

An exhibit of special interest to those, who are trying to encourage the growing of the hardy little polyantha type of rose, was that of Messrs. Cutbush & Sons. Whether the varieties shown would retain their glowing colours in our climate I cannot say, but "Locarno," "Fred Leddy," and "Golden Salmon" were mentioned as being really brilliant.

E. M. H.

"Oh, Adam was a gardener, and the God who made him sees
That half a proper gardener's work is done upon his knees;
So when your work is finished you can wash your hands and pray
For the Glory of the Garden that it may not pass away!
And the Glory of the Garden it shall never pass away!"

From "The Glory of the Garden" by Rudyard Kipling.

The Rose in New South Wales

By C. W. Heyde, President of the Rose Society of New South Wales, 1927.

New South Wales is the oldest and most populated of the six Australian States. It was founded in the year 1788 by Governor Phillip, who, landing on January 26th of that year, established a settlement which is now the City of Sydney, having a population of over a million, almost half the total population of New South Wales.

The State comprises 310,000 sq. miles, compact in shape, and has a seaboard of 907 miles to the Pacific Ocean. The surface falls into three divisions—the coast district, the table land averaging 3,000 feet in height, and the great plains. The mean summer temperature of the City of Sydney is 71.0 degrees Fahr., winter 54.1, the average rainfall 47.46 inches.

The coastal district skirts the Pacific Ocean from which it stretches inland 20–40 miles, level in parts and hilly in others. This district has a moist atmosphere and a fairly regular rainfall. The table lands have a dry atmosphere and a generally cooler temperature, particularly at night time. The great plains, which comprise the greater area of the State, are dry and hot and sparsely populated. It is in this area principally that wool, Australia's chief primary product is produced.

The temperature of the coastal area is fairly even throughout, though, being South of the Equator, the colder areas of Australia are in the South and the warmer areas in the North. Practically every cultivated flower flourishes in N.S.W., although success with some cold country varieties is only obtained on the table lands.

Climatic conditions are so favorable to some plant life that many introduced species have run wild and become veritable pests. Among these plants is the rose species *Rubiginosa* which, in some parts of N.S.W., grows densely along the roads and in the fields, or paddocks as we term them. Australia is singular in the fact that, prior to the introduction of the Rose within the past 140 years, it possessed no Rose species, being unlike the other continents in this respect. In our coastal district, owing to the moist climate, roses are liable to be affected with mildew and black spot. For this

reason the pernetiana strain of roses is not a success, although this type can be grown with advantage on the table lands and on the plains. Where preventative measures against mildew and black spot are taken, the generally known remedies, as used in America, are adopted.

Our Spring flowering season commences late in September, and we have an Autumn flowering season running right up to pruning time in June and July. In Sydney pruning should be finished by the end of July. Winter conditions are relatively mild, no snow falls in the coastal district and only in limited areas on the table lands. Our plants therefore require no winter protection whatever and early flowerers such as the Gigantea Hybrids of Australia's most noted hybridist, Alistair Clark, give blooms in Sydney in August just after the pruning time of other roses. Mr. Clark's beautiful garden is in the vicinity of Melbourne (State of Victoria) 500 miles south of Sydney. By growing certain early flowering varieties, and judiciously pruning others, it is possible in Sydney to have outdoor grown roses all the year round. Radiance is one of the varieties which are at their best in Autumn and Winter. A considerable portion of the land round Sydney is of a sandy nature and does not lend itself to the cultivation of the rose. On the other hand, in some districts, we possess excellent soil with a red clay subsoil.

Numerous varieties of roses are grown around Sydney, the majority of English, American and Continental productions being imported and tested. Among the most widely grown varieties are the following:—

Radiance	Madame Butterfly
Etoile de Hollande	Mrs. Charles J. Bell
Rev. F. Page Roberts	Madame Segond Weber
Madame Abel Chatenay	Jonkherr J. L. Mock
Red Radiance	Mrs. Dunlop Best
Hadley	Frau Karl Druschki
Rose Marie	Gustav Grunerwald

Among the Australian raised roses the best known varieties are:—

Marion Manifold (cl.)	Flying Colours (cl.)
Sunny South	Kitty Kininmonth (cl.)
Salmon Spray	Vanity
Black Boy (cl.)	

The National Rose Society of N.S.W. was founded in the year 1913 mainly through the instrumentality of Mr. W. H. Ifould, Public Librarian, who was President of the Society for several years. Although the roll of members is not very large, the Society numbers in its ranks leading Rosarians of N.S.W. and has actively identified itself with research work, particularly in regard to soil and general treatment for the elimination of mildew and investigation into the blueing of roses. This activity has been mainly due to the interest displayed to these matters by Mr. H. H. Hazlewood. Within the last two or three years some of the members have taken up the work of hybridising and already several promising varieties of roses have been produced and are being tested. The Society has regular monthly evening meetings at which exhibits of roses are made. It does not hold public exhibitions but cooperates in this connection with the Horticultural Society of N.S.W.


Mr. Patrick Grant, the raiser of "Salmon Spray," a rose which is becoming very popular in England, is an active member of the Society and his enthusiasm and experience as a raiser has given much encouragement to others who are endeavouring to raise roses suitable to local conditions.

The Hon. Secretary of the Society, Mr. A. J. Berrie, Clanalpine Street, Eastwood, N.S.W., will be very glad to enter into correspondence with our kindred Rosarians in Canada.

Understocks for Roses

"You see, sweet maid, we marry
A gentle scion to the wildest stock;
And make conceive a bark of baser kind
By bud of nobler race."—Shakespeare.

The subject of the best understocks for roses has been dealt with in many English and American Rose Books, but as we feel that our conditions in Ontario are not quite similar to those in these two countries, we are endeavouring to gather first hand information on this important question. Trying out several varieties of roses on different stocks is a fascinating experiment and one we hope many of our members will take up in the future, sending in to the R.S.O. the records of their achievements.



Mr. Frank Flett, of Hamilton, Ont., has made a hobby of rose growing for over 15 years and during that time has tried a number of roses on various stocks. He gives the following account of his experiments:—

Rosa Canina. Roses do well on this stock. The flower is much better in quality than on **Multiflora**. Alex. Dickson & Sons claim that they have tried out a great number of stocks and find this the best.

Rosa Kokulinsky. This stock was recommended to me by Mr. Courtney Page of the National Rose Society, who said it did well on a light soil such as we have in this district. The plants we budded were good with a fine root system.

Schmits Briar seems to be a variety of *Rugosa* but did not sucker. The roses budded on it did not make a good union and the flowers were poor in quality. The stock itself was very vigorous. Cannot recommend it.

Rosa Laxa. This stock is used almost exclusively by Dobbies who claim it is better than *Canina* in that it does not mildew and the wood ripens earlier on it. The stocks we had of it did not grow as vigorously as the other varieties but the buds set well. This kind was budded first early in August.

Deegan's Briar made a good growth from the plants set out this spring.

Odorata was set out this spring also. It was the most vigorous of any we had. Its hardiness is still to be tested with us at least but I am living in hopes that it may prove sufficiently hardy for our purposes. In the 1927 American Rose Annual it speaks of this having stood several degrees below zero with little injury to the twigs.

Manetti is a very good stock for *Ophelia*. Some claim it does not last as long as some others.

Multiflora in my opinion is not as good as *Canina*. You might possibly get a little more vigorous bush and more flowers but the quality of the flower is not as good. Roses of the fullness of *Ophelia* or *Melanie Soupert* are never seen at their best unless well grown on a suitable stock and unless well grown are not worth growing.

Rosa Rugosa is outlawed on account of its suckering habit, for bush roses at least.

Mr. Stensson, Manager of the Sheridan Nurseries, Clarkson, Ont., writes that they have tried **Rosa Canina** and **Rosa Laxa** in the nurseries and have found both these varieties satisfactory,—the latter probably the better of the two. It develops a better root system than *Rosa Canina* and is also easier and quicker to bud, as it has always a good clean “neck” and practically no thorns. *Rosa Laxa* is a species from Turkestan and has white flowers, and in the olden days some growers objected to it as a stock for dark red roses, believing it to affect the colour, making it paler. But Mr. Stensson has not found this to be the case and thinks this idea is just a myth.

For the information of those who would like to try out this interesting phase of rose growing we give a list of well known stocks, the descriptions being taken from an article on “Rose Understocks” by Mr. Paul B. Sanders of the Ontario Agricultural College.

R. Multiflora is a native of Japan, and was introduced into England in 1904 by Thunberg; it is used more than any other type as an understock in the Eastern United States. It is characterized by having 5 to 7 leaflets, and small double flowers borne in clusters. The thorns are few, and always come in pairs.

R. Canina is native to England, and is used in Great Britain more than any other understock. The prickles are scattered, and hooked; the wood is bright green (though occasionally browned by the sun); and the leaves are smooth. *R. Canina* is propagated both by seeds and cuttings, and strikes readily. The blooms are single and pink.

R. Rugosa is used extensively in the Old Country for standards, and on the continent (Europe) for practically all types of roses. It is vigorous and makes a fine thick bushy growth. (The true *R. Rugosa* is a more beautiful bush all summer long than the more popular H.P's. and H.T's., which are usually scraggly). The leaves of *R. Rugosa* are thick, dark green and wrinkled; the stems are thickly covered with sharp straight prickles; the flowers are large and decidedly worth while (single, of course); and the fruit is a good size, smooth and a brilliant red.

R. Laxa has been and is being used to a considerable extent in England. The growth above ground is not particularly vigorous (though no fault will be found, in this respect, with the root system), the thorns are few and the

species comes true from seed. The blooms are white, the foliage serrate and the slender stems are light green.

Manetti. This is not actually a species; but is a horticultural production. It is a form of *R. Chinensis* and, according to Pemberton, was "raised from seed by Signor Manetti of the Botanic Garden, Monza, Italy." It is a very vigorous grower, bearing few prickles and having light green stems bronzed, usually, by the sun. The growth resembles that of the H.P's. rather closely, and must be watched for.

R. Odorata is used somewhat in the United States for field grown roses; and is characterized by having 5-7 leaflets which are 1-3 inches long and sharply serrate, by solitary light coloured blooms 2-4 inches in diameter and by scattered hooked prickles.

These embrace the majority of stocks in ordinary use by most nurserymen.

Mr. Sanders sums up these Understocks in this way:—"I would not advise the use of varieties worked on either *R. Odorata* or *Manetti* for the amateur rose grower in Ontario.

The cultivation, too, of scions budded on *R. Rugosa* should be discouraged—unless the individual appreciates the frequent removal of sucker growth! An exception is made, of course, for standards on *R. Rugosa* because suckers are not so likely to appear with this type of rose.

The use of either *R. Laxa* seedlings or *R. Canina* seedlings can be safely advised, and the amateur desiring continued service and having comparatively poor soil will be well advised to purchase varieties on these two stocks.

There is some question, of course, as to the hardness of *R. Multiflora* in this Province; but I would hesitate to pronounce against it simply because, in my own experience, it has been entirely satisfactory. The fact that nematodes sometimes affect *R. Multiflora* stock in the southern States, while interesting, does not need to worry us at present because we have, as yet seen no evidence of their depredations here.

So, plant varieties budded on either *R. Canina* seedlings, *R. Laxa* seedlings (looking out for rust) or *R. Multiflora*. Such is my advice to the amateur rosarian of Ontario."

NOTE:—While on the subject of Understocks we should like to include a word of advice to our amateur rosarians.

When purchasing roses remember that dried out bushes will not come to life again and that bushes exhausted in the greenhouses cannot be expected to bloom for more than a summer in the garden. Sometimes you hear of someone who has bought bushes for 15 cents and has had perfect success with them. If you find one that is budded on good stock and that is not dried out then you are lucky, but you must watch for these two things when you buy cheap roses. Many people prefer to purchase the bench grown roses, which are sold very reasonably by the florists and indoor growers, because being budded on the soft Manetti and Odorata stocks they bloom profusely the same year they are planted; but they cannot expect these bushes to last over many winters and the tendency is for the plants to gradually peter out. Being easily and inexpensively replaced, the result, from a financial standpoint, is about the same, and, rose growing being like grammar in that there are exceptions to every rule, one sometimes finds a plant budded on Manetti which lives for years. But if you want a rose garden of old friends, bushes which will be there to greet you each spring, getting hardier and lovelier with the years, then you must study this question of Understocks and buy or bud your roses only on the fittest.

“Blue Blooded” Roses

By Paul B. Sanders

The expression, “Breeding tells,” is undoubtedly a truism; so much so, in fact, that when we hear an individual voice it we nod our heads sagely, pass on and promptly forget all about it—until our nimble tongues trip the words out again when opportunity occurs. Thus, many noteworthy thoughts subconsciously enter our minds, are uttered, but are not considered. Rose hybridists—and plant breeders of all descriptions—are but human; but they, as a class, should realize the depth of meaning conveyed in the two words quoted above—for no one can visualize quite as completely as the breeder or the hybridizer just how absolutely correct this truism is. Yet how many plant breeders give it a thought? Very few, I think, or we should hear considerably more about pedigreed plants than is actually the case.

The housewife knows exactly what ingredients to mix to produce a cake—so why should not the rose hybridizer know

what rose varieties to cross to achieve a desired progeny? (A homely comparison, but it illustrates the point.)

For several years I have been studying parents and progeny of existing varieties of roses and have collected considerable material, (some of it more or less valuable) but extreme difficulty is found in forming a COMPLETE pedigree of any rose. Some varieties, it is true, may be traced back, partially, for six generations; and a pedigree such as this is valuable to the rose hybridist. However, there seems to be a well understood conspiracy among rose breeders in general to make of themselves a secret service, each hybridizer being chief of his own particular branch; and as a result no clues have been dropped to aid the outsider in discovering what particular varieties are used to bring about certain results. Possibly this sweeping statement is slightly exaggerated, but there is no question that the average plant hybridizer pays entirely too much homage to that terrifying bugbear, "Trade Secrets"!

It is infinitely more difficult to establish the pedigree of say, a rose, than that of an animal; because there exist many more factors in an individual variety, produced by crossing and intercrossing several types, than can possibly be found in an animal—and these types, or classes, are not nearly so clearly differentiated in a rose, as in the animal kingdom. For instance, there is no possibility of an animal breeder mistaking the difference between a St. Bernard and a Russian Wolf Hound, or between a Collie and a Setter, or between a Holstein and a Hereford; but even experienced rose hybridists have occasional difficulty in distinguishing between a Hybrid Tea and a Hybrid Perpetual (as witness the variety J. B. Clark) or between a Hybrid Tea and a Pernetiana—particularly where these two have been used in producing a new variety.

In presenting a few specimen rose "pedigrees" something new in rose culture is offered and, though the so-called pedigrees are largely incomplete, they offer at least a very substantial beginning to a subject having limitless possibilities. The author would appreciate constructive criticisms, and will gladly receive additional information re the parents of all types of rose varieties.

TABLE No. 1

R. Multiflora	La Reine, H.P.
(seedling)	(seedling)
(seedling) Mignonette, P.P.	Jules Margottin, H.P.
Crimson Rambler (seedling)	(sport)
Gloire des Polyantha, P.P.	Wichuraiana x
	Mme. Gabriel Luizet, H.P.
Mme. Norbert Levavasseur, P.P. x	Dorothy Perkins, H.W.
Ellen Poulsen, P.P.	

In Table No. 1 is given a rather complete pedigree of Ellen Poulsen; one of the better Dwarf Polyanthas or Pompons. (Personally, I consider it the outstanding pink Pompon introduced prior to 1923.) That Ellen Poulsen is floriferous is easily understood when we consider that Mme. Gabriel Luizet is unusually prolific for a Hybrid Perpetual and that, further, R. multiflora, Crimson Rambler, Dorothy Perkins and Mme. Norbert Levavasseur are among its antecedents. Truly this Ellen Poulsen has an enviable pedigree! Consider the vigorous habit of R. multiflora and R. wichuraiana (not to mention again Dorothy Perkins and Crimson Rambler) and the splendid blooms provided by every individual progenitor. It will be noticed that there is just twice as much R. multiflora blood, in the final progeny, as there is R. wichuraiana; it would be interesting to see which species would be dominant if they themselves were crossed. Pink blooms would be expected in Ellen Poulsen because the preponderant colour factor in all the ancestors is pink. (Crimson Rambler, of course, is deeper; and R. multiflora has white blooms, but these two are much outbalanced by other varieties.) It is evident, too, that Crimson Rambler's susceptibility to mildew had been crowded out, because this factor appears in neither Mme. Norbert Levavasseur nor in Ellen Poulsen. It is in order, though, to observe that this factor lies dormant, or hidden, in Ellen Poulsen, and may subsequently appear in progeny resulting from the use of that variety.

TABLE No. 2

R. multiflora	
(seedling)	(seedling)
Crimson Rambler	Mignonette, P.P. (seedling)
	Gloire des Polyantha, P.P.
Mme. Norbert Levavasseur, P.P.	
	(seedling)
Orleans Rose, P.P.	
	(sport)
Miss Edith Cavell, P.P.	

In Table No. 2 we see that Miss Edith Cavell, one of the most prolific of the deep red Pompons, is a progeny—to a considerable extent—of the same varieties which aided in the production of Ellen Poulsen. However, the outstanding pink colouration in the latter’s ancestors is not to be found in this instance, and we secure a strong growing variety, still with that hidden tendency to mildew, producing many fine red blooms.

TABLE No. 3

Yellow Tea	La Reine (type) x Bourbon (strain)
(seedling)	
	Devoniensis, T. x Victor Verdier, H.P.
	Coquette de Lyon, H.T. x Lady Mary Fitzwilliam, H.T.
	Kaiserin Auguste Viktoria, H.T. x Souv. de Mme. Levet, T.
	Georges Schwartz, T.

Then we have this branch:—Mme. de Tartas, T.

(seedling)
Mme. Lombard, T. x Mme. Maurice Kuppenheim
Duchesse Marie Salviatti, T.

And so from:—

Georges Schwartz, T. x Duchesse Marie Salviatti, T.

We get:— **La Proserpine, P.P.**

Here, in Table 3, we have a much more complicated pedigree than in the previous instances, and one which did not result nearly so satisfactorily. Let us determine the reason. Beginning with the sturdy Yellow Tea, La Reine (type) and Bourbon (strain), we have an excellent start which is carried through to, and including, Lady Mary Fitzwilliam. Then Coquette de Lyon was introduced and the resultant progeny: Kaiserin Auguste Viktoria is, as all the world knows, not a dependable garden rose—particularly in northern sections. Next, to make certain the production of a weak progeny (!) the Teas, Souv. de Mme. Levet and Duchesse Marie Salviatti were used in the production of La Proserpine; the variety, Georges Schwartz, also took part in this procedure.

On the other side of the table Mme. de Tartas is the only variety, in my belief, of outstanding merit—and it is only a Tea and so not likely to possess the characters, hardiness and vigour. Mme. Lombard and Mme. Maurice Kuppenheim are also Teas, the former fairly good; the latter—well, frankly, I have never seen it, and cannot locate it in any present day catalogue—so it can hardly have been a particularly worth while variety.

It is plainly to be seen that La Proserpine’s ancestry is somewhat lacking in those characteristics which tend to

produce vigorous upstanding progeny; La Proserpine itself is a proof of this, for it winter kills rather easily when protected similarly to other varieties of the same type which, however, survive rigorous winter conditions satisfactorily.

Thus is demonstrated, simply and directly, the feasibility of making rose pedigrees. Naturally, considerable research is essential in ferreting out the parentage of many varieties; and this little contribution to the subject is nothing more nor less than an indication of the possibilities in this line. With me, it has been a hobby, delightfully absorbing of course; but imagine the valuable material which could be secured by steady research and application along these lines. Here is an opportunity indeed, for any individual having much spare time, a love of the rose and a true desire to further the value of an interest in that wondrous flower.

To the rose hybridist, of course, information of this type is particularly valuable; and it is to be sincerely hoped that some of these energetic gentlemen will see to it that more, and more and more information about rose parentages is disseminated—so that it will eventually become a comparatively easy matter to establish “blue-blooded” rose varieties.

Note:—An article by Mr. Sanders on this same subject appears in the American Rose Annual, treated in a slightly different manner and published, of course, previous to this one.

Autumn Bloom in the Garden

By A. J. Webster

Most of us have listened to such expressions as—“Yes, roses are beautiful, but what a pity that their period of bloom is so brief!” Despite the rapidly increasing use of Hybrid Teas the impression remains in certain minds that rose culture means one month of gorgeous and colorful display and eleven months of nothing,—except blackspot, mildew and insects! It would appear that this belief is upon a misconception of the habits of the modern garden rose and a lack of familiarity with the autumn blooming propensities of certain varieties, some of which with me are more satisfying in September and October than in early summer. This has been particularly true this year (1927) with reds, my best bloom of this shade in the whole year having opened on the 11th of September. The variety was Etoile de Hollande which seems to have only

two faults,—somewhat shy in bloom and insufficient petalage. Its fine form, heavy texture of petal, fragrance, vigor, bronze foliage, and last of all its rich, unfading maroon-crimson color insure for it a permanent place in my garden despite its faults. Other reds that revel in the cool nights are Capt. Fane Bald, Hadley, Charles K. Douglas, Victory, Miss C. E. Van Rossem, Lord Charlemont, Hermann Neuhoff, Dr. A. J. Petyt and General MacArthur.

Among the satisfactory autumn-blooming pink-shaded varieties are Mme. Abel Chatenay, Capt. F. S. Harvey Cant, Mrs. Henry Morse, Ophelia, Mme. Butterfly, Una Wallace, Lady Ashdown, Lady Florence Strong, Diadem, Donald Macdonald, Molly Bligh, Mrs. C. W. Edwards, Mrs. Henry Bowles, Lady Alice Stanley, and Mama Lamesch. In early season we miss the most delightful tints of Lady Pirrie unless we are up with the sun, but in the autumn these tints are fairly well held and I fall in love with Lady Pirrie more completely each successive September.

A few of the yellows are extremely satisfactory in the autumn, especially Mrs. Beckwith, Feu Joseph Looymans, Richard E. West, the Orange-shaded Emma Wright, and the multi-colored Norman Lambert and Sunstar.

The white shades are likely to be impatient of the heavy dews and frequent rains and none of them are particularly pleasing with me in the average autumn except Mme. Jules Bouche.

The Pernetiana group, generally speaking, do not produce worth-while blooms after July but perhaps the prevalence of blackspot among them may account to some extent for that fact. In any event, I have found that the fall blooms of the Souvenir de Claudius Pernet, Souvenir de Georges Pernet, Los Angeles, May Marriot, Independence Day, Elvira Aramayo, Mrs. Redford, Mme. Edouard Herriot and others are inferior in quality and relatively few in number.

It must be admitted that there exist certain hybrid tea varieties which, though willing workers in June and July, are very unreliable in the autumn. Chief among these are George Dickson and John Russell, although it is not clear why these are classified as hybrid teas. Their habit of growth, habit of blooming, soft foliage and susceptibility to mildew, and shape of bloom all indicate that they belong to the hybrid perpetual group. Others are Augustus Hartmann,

C. V. Haworth, Avoca, Earl of Gosford, Lady Inchiquin, Gladys Holland Mrs. Franklin Dennison, Clarice Goodacre, Ellen Terry, Joseph Hill, Aspirant, Marcel Rouyer, Mabel Turner, Wilhelm Kordes, Lord Allenby and Mrs. Charles Lamplough.

Red Radiance is a very profuse bloomer throughout the entire season and is desirable if you can tolerate its poor form and washy color.

In conclusion, let me suggest to those who criticize the rose as an early season bloomer only, that they plant a few of the varieties upon which I have commented favorably, and, granted fair treatment, I am satisfied that those varieties will reward the grower with a profusion of bloom right up until the date of the first killing frost.

TO A LATE ROSE

O, lovely rose, in late October blooming,
Amid the ruined garden brown and sere,
The attar of thy fragrant breath perfuming
The misty vapors of the dying year;

How exquisite thy carmine leaves unfolding,
In out-curved petals round a buried heart,
What hand of mortal, thy rare charms beholding,
Can match the rich perfection of thine art?

The morn with furring white frost now is hoary,
And through the day the wind adversely blows,
Yet here I find thee, rapt, in regal glory,
Last of thy race, O queenly crimson rose.

Alice Kathryn Gould.

Fall Planting of Hardy Roses in Ontario

By A. H. Tomlinson,

(Associate Professor, Dept. of Horticulture, O.A.C., Guelph)

Naturally controversy is bound to take place in connection with the planting of such roses as H.P's., H.T's., Polyanthus, Wichuraiana and Multiflora forms in Ontario or in any of the colder sections during the fall of the year. There are many phases of this subject which have to be considered before saying definitely and finally that fall planting means failure or that it means success.

Fall planting under the right conditions should be quite successful and under wrong conditions prove a failure. The same thing, for that matter, may be said of spring planting. Roses lifted in any part of older Ontario in the fall or late summer may be safely transplanted to another place in the same garden or a nearby spot without much dispute. With such treatment the roots must be well protected from drying out and transplanting should be done as rapidly as possible. Fall planting calls for mulching in the winter to prevent soil heaving. As winter protection is necessary for most types this provides in first-rate fashion a suitable mulch. The problem no doubt facing wouldbe fall planters is the transplanting of stock where long distances are concerned whether it be the Pacific coast or Europe. If the planting has to be done in the fall or early winter, after long distance transportation, roses must be dug quite early, even though, in some cases, the rose wood may not be mature. As a matter of fact, under Pacific slope and European conditions, roses are usually dug up whether for immediate planting, healing in, storing or shipping long distances much before maturing of the wood has taken place. The thing to consider when roses are dug up in the fall and shipped any distance is for the raiser to provide means to prevent the drying out of roots and of growth. Experienced rose exporters know well how to handle the stock they ship and usually rose stock from long distances reaches the various firm's representatives in Ontario in first-rate condition. Even though such stock be transported by the shippers in late winter or early spring it is frequently dug in October and stored in cold warehouses

or heeled in out-of-doors from digging time on. The heeling-in or trenching systems in the British Isles are most prevalent and stock is dug up again, packed and shipped a few weeks prior to the roses being required at the different destinations of customers in different parts of the globe. Thus, if the rose plants are lifted early about October, and as a matter of fact they usually are, and then laid in by the heel or stored if not shipped immediately, they should be in good condition for planting. Should they be shipped abroad the plants again may have a similar treatment at the point of destination, i.e., stored in nurserymen's warehouses or the venders' store-houses or unpacked and laid in by the heel or buried in trenches.

The writer believes that, if the season is suitable and conditions are right, during the fall in Ontario immediate planting of rose bushes on their arrival in the planter's garden is wise. Thus rose planting in the fall should be done at once and neither heeling in nor placing in a trench nor storing in a cellar need be bothered with. But, mark you, should the season be late and the ground frozen or very wet and conditions not all right for planting, then heeling in, burying in a trench or storing in a cellar should be followed, and wisely so too. Rose bushes should be placed anywhere under cool and comparatively moist conditions rather than hot and dry if storing must be done. Fall planting is largely a matter of expediency, but, if it is not expedient at the time to plant, then plant in the spring. The writer believes that planting with care in the fall is worth while if such can be done. In fact burying plant roots in the earth is simply another form of planting, and, if such be done, why not properly plant the roses at once and give them the usual care during the winter by way of mulching and protection? If such be done success should follow. Further more, in digging up from the trench or heeling or pulling out of storage in the spring, it is usually found roses have made root growth and for that matter often top growth. This root growth, when checked, means a certain amount of setback to the roses. Too much extra handling means danger of exposure to wind and sun. This all may be avoided if careful planting be done in the fall. The rose plants dug up during October are not likely to suffer in fall or spring transplanting, whether planted within 3 yards or 3,000 miles away, providing the plant is given the proper care in digging, in transit and in



Rosa Blanda Hybrid, "Betty Bland." Originated by F. L. Skinner, Dropmore, Manitoba. A free growing rose of upright habit, the stems reddish and almost thornless, the flowers open out flat and show the centre but would be classed as double. Petals rosy red when first open but fade a little later. Suckers freely. At Ottawa grows about 6 feet tall and needs no protection.—Photo by Dr. Frank J. Shutt, C.E. Farm, Ottawa, June 24th, 1927.

planting. Roses should be planted on arrival if conditions allow rather than handled three or four times later.

The writer has nothing against spring planting, far from it; and plant in spring if fall planting cannot be done or is not believed in by experienced or prospective planters. Personal observations have been made for many years in Great Britain, British Columbia and Ontario and results found of the efficacy of fall planting if done as it should be. The main thing, however, is to plant roses whether it be spring or fall. Conditions vary, as well as results, and all success to those who plant whether it be fall or spring.

NOTE:—The foregoing does not apply to extremely cold districts where roses are frequently dug in the Fall and placed in the deep trenches or wintered indoors to avoid severe winter injury. Such roses are planted in the Spring. This is an annual event where very low temperatures exist.

In old Ontario conditions on the whole are very favorable to successful rose culture. Fondness for the rose and careful enthusiasm mean results worth while for bringing about wonderful blooms.

Canadian Roses

We are gradually getting a list of reliable roses of the briar and rugosa varieties which should be of great interest to all those who have summer places in Ontario. These roses are all raised in Canada, are especially adapted to our climate, need no winter protection, and are really beautiful when grown either in masses as a shrubbery or as single specimens around a summer cottage.

The three hybrid roses, raised at the Central Experimental Farm, Ottawa,—“**Grace**,” “**Agnes**” and “**Rubrosa**”—are now on the market. These can all be obtained from the Annapolis Royal Nurseries, Annapolis Royal, N.S. The Sheridan Nurseries, Clarkson, Ont., have plants of the “**Agnes**,” and we can personally vouch for its being all it was represented to be. The only drawback we can see to it is that it blooms very early and is over in about a fortnight, but as the foliage is extremely pretty and the bush is shapely it is always an ornament in the garden.

Another rose, illustrated in this issue, is the "**Betty Bland**." This was raised by Mr. F. L. Skinner, Dropmore, Manitoba, being a cross of the native *Rosa blanda* with some garden rose. Plants can be procured from him.

Another Canadian rose is "**Nootkana**," which is a cross of Richmond with *Rosa Nootka*. It looks like a Hybrid Tea and has fine foliage, is a good fall bloomer and very fragrant; bright red in colour. This was raised and is sold by Mr. Geo. Fraser, Ucluelet, B.C.

We are indebted to Miss I. Preston of the Central Experimental Farm, Ottawa, for this information.

John H. Dunlop & Son, Limited, have a new seedling registered this year, "**Canadian Jubilee**," which is a really lovely rose with unusual coloring. Its parentage is "**Priscilla**" and "**Commonwealth**," and Mr. Dunlop describes it as having perfect form, with long pointed bud, colored Indian red and pink, then, as the flower opens, the colour changes to a soft pink with a distinct orange base, the petals numbering about 40. It is free blooming and has wonderful keeping qualities so it promises to be an acquisition.

"**Lady Canada**" Mr. T. W. Duggan, the General Manager of the Dale Estate, Ltd., of Brampton, Ont., writes of their lovely new rose, "**Lady Canada**," and of a new French rose we are soon to have with us through the Dale Estate agency.

"**Lady Canada** is a Hybrid Tea from Madame Butterfly x Premier. It may be described as having a long petal, full flower, upright stem, bright rose, long full bud, sweet scented, free and hardy. The foliage is a broad, deep, glossy green, free from black spot in our experience of its growing.

It was awarded a gold medal at the International Flower Show at Detroit last March, and at the Royal Winter Fair in Toronto last November was given an "Award of Merit" by the Canadian Horticultural Council, being the highest award of merit that can be given in Canada.

It may be interesting to you and other Rose growers to know that we have been given the agency for Canada for a very fine new French Rose, "**Julien Potin**," called by some the Golden Pernet, from Souvenir de Claudius Pernet x Variete Inedite (new). This is a new yellow Rose of rare beauty, and was awarded the distinguished gold medal, at the International Exposition of the Spring of 1927 in Paris. We will

not have any plants of this new Rose to spare this season, but we expect to have the bloom from about five thousand plants during the coming winter, and will have young stock to spare in 1929.

It has been very much talked about in France and England, and is said to be an even finer Rose than Souvenir de Claudius Pernet, one of the parents, which is held in such high regard at present as the most beautiful of all the yellows of to-day."

MR. ALEXANDER W. MONTGOMERY

A great loss to the rose world occurred on the 22nd of October when Mr. Alexander W. Montgomery, of Hadley, Mass., passed away. He and his father were the originators of many of the finest Hybrid Tea roses—Hadley, Mrs. Chas. Russell, Templar, Crusader, Pricilla, were some of their most successful discoveries. His latest Hybrid "Talisman," a seedling of Pernet and Butterfly, is expected to be disseminated next year. His death, at the early age of 52, will be greatly regretted by all rose lovers.

Hardy Roses

GLEANINGS FROM THE ROSE GARDEN, CENTRAL EXPERIMENTAL FARM, OTTAWA

By W. T. Macoun, Dominion Horticulturist

Looking back over the thirty-six years since the rose garden was established at the Central Experimental Farm, Ottawa, in 1891, one is much impressed not only by the very large number of varieties which have been introduced during that time but by the great increase in popularity of outdoor roses, and in Ontario particularly, since the Ontario Rose Society was organized and has done such splendid service.

At Ottawa, where I have lived for nearly fifty years, there were only two persons who had more than a bush or two of roses when the Experimental Farm rose garden was started. To-day there is a large number with rose gardens. Thirty-six years ago there were practically no hybrid tea roses being grown at Ottawa, La France and Capt. Christy

being the only two which were at all promising but, during the past twenty years, literally hundreds of varieties have been tried and many are doing well.

The hybrid perpetual and hybrid tea roses need considerable care to grow them well, and even yet this keeps many people from growing roses who would like to do so if they did not need so much attention. Really there is little actual labour involved but it is true, nevertheless, that, if these roses do not receive the necessary attention at the proper times, the bushes will be a sorry sight or may disappear altogether, but the fine results which the keen rosarian gets will repay what little trouble is involved.

Living at Ottawa, where the winter climate is severe and hard on roses and where, notwithstanding great care in protecting them each year, the losses are heavy, one is impressed with the need of still hardier varieties for Canada, and one of the finest pieces of work that the Ontario Rose Society can do is, in my judgment, the encouragement of the breeding of hardier varieties by its members.

It is about the hardier roses particularly that I wish to speak. There are many extensive estates and summer homes in Ontario, in the country, by lake and by river with abundance of room where the most charming effects could be obtained by the use of those roses which long experience has shown to do well without protection, which have few insect enemies, are not much subject to disease, and are on their own roots, which sucker freely, so that large masses can soon be obtained, and among which are some of the most delightfully scented roses that grow. These roses have meant much to us at Ottawa where one cannot, with the hybrid perpetual and hybrid tea roses available at present, have those banks, great masses and wide beds of roses which one sees where roses do not suffer in winter and which appeal to one so much in the wild, on the prairies, where the native single roses grow in this way.

First, among these hardy roses, I mention Harrison's Yellow, more vigorous and more freely suckering than Persian Yellow and a glorious sight when its deep yellow, semi-double flowers are in bloom. Being so early, one appreciates it to the full. At Ottawa it reaches a height of 8 feet, though would be taller, no doubt, in other soil and another climate. Once established this rose multiplies rapidly. Persian Yellow is a little darker in colour and should be planted also.

The Agnes Rose, originated at the Central Experimental Farm, Ottawa, a cross between *Rosa rugosa* and Persian yellow, which received the Dr. Walter Van Fleet Gold Medal last year, is an important recent addition to the hardy yellow roses. It is pale yellow with a suggestion of buff, a charming shade. It blooms very early, just before and with the Harrison Yellow and Persian Yellow. Our oldest bushes are 7 feet high and when these are a mass of bloom it is a fine sight. It multiplies rapidly. The nurseries are now offering this for sale.

The Copper Austrian rose is another old variety, hardy, unprotected at Ottawa and the wonderful reddish, copper coloured, single roses are very striking and very beautiful. It does not sucker, as the yellow roses previously mentioned, but a dash of this wonderful colour among them gives a very fine effect. This rose was introduced as long ago as 1596 but is seldom seen in rose gardens in this country. It is in bloom but a brief time but is well worth a place.

Rosa Hugonis, while not perfectly hardy at Ottawa, should be mentioned here, as, with slight protection, it gives with us an abundance of lovely single, pale yellow flowers. Not so with *Rosa Moyesii*, which one associates with it, which, unfortunately, must be well protected at Ottawa to bloom.

The lovely single, pale yellow, white and pale pink flowers of the Scotch Rose, *Rosa spinosissima* and its varieties go well with the yellow roses already mentioned.

Among hardy white roses there is none which stands out so prominently over the thirty-six years as *Madame Plantier*. This is a most useful decorative rose, pure white, a very free bloomer, and very hardy, and, next to it should be mentioned the White Cabbage or Provence rose, *Unique Blanche* with a delightful scent, also very hardy. The *Rosa altaica* with large, single, white flowers is very effective. These have, however, but a relatively short period of bloom and we must have the varieties of the Japanese Rose, *Rosa rugosa*, to lengthen the season of hardy white roses, and three of the best of these are *Blanc Double de Coubert*, *Sir Thos. Lipton* and *Mme. Georges Bruant* of double or semi-double whites, and the single *Rugosa alba*. A very desirable hardy variety is the Maiden's Blush, a variety of *Rosa alba*, flowers white tinged with pink.

It is now time to mention the Rugosa varieties as a whole for, with them, very fine effects can be obtained in large masses and as unclipped blooming hedges. The large, single, semi-double and double flowers of the different pink, rose, and crimson varieties are very effective, and the glossy leaves and large fruits very attractive. Their comparative freedom from insects and disease also help to make them invaluable. Most of these are very hardy, although one of the best varieties so far as flowers are concerned, namely Conrad F. Meyer, is not hardy at Ottawa. The most satisfactory are Madame Chas. Worth, Mrs. Anthony Waterer, A Parfum de l'Hay, and Roseraie de l'Hay, Agnes, Emily, Carman, F. T. Grootendorst, Pink Grootendorst.

No doubt within the next few years many new varieties with rugosa blood will be introduced which will give a greater range of colour than those already available. The variety Agnes and another one called Grace, originated at Ottawa, but not yet available, are distinct advances in this group and from the many interesting hybrids left as a result of the work of the late Dr. Walter Van Fleet some wonderful garden effects will be obtained.

The old fashioned sweet scented rosy pink cabbage rose is very hardy and, I think, particularly suited for summer homes as it is very persistent.

I can remember very well when a moss rose bud was considered most appropriate and desirable for the buttonhole and the moss roses have a charm which, even in this day of hundreds of varieties of roses of fine form and colour, is apparent to most people. The scent is exquisite. Moss roses are very hardy and, I think, a few bushes should be in every garden. The three varieties which have proved most satisfactory at Ottawa are Crested Moss, Old Pink and Blanche Moreau, a white variety.

That old favourite, the Sweet Briar or Eglantine, should find a place in the rose garden. A few bushes mixed here and there in the beds or masses of other roses will give off their delightful fragrance and add another charm to the garden. The Penzance sweet briars are not hardy at Ottawa.

Among the damask roses, one that we obtained under the name of Red Damask, a semi-double flowered, bright crimson variety, has proved quite hardy and is very showy.

One of the hardy roses which I have always greatly admired is the Redleaf rose, *Rosa rubrifolia*. The purplish red leaves of this rose are most effective and the small single, pink flowers give life to it when they are in bloom and later the hips are quite effective. As a background for other roses, this is most desirable for its foliage alone. Its chief defect is in the bush becoming rather open at the bottom when it reaches its full height, which is seven to eight feet, but this can be easily screened by planting some lower growing rose in front of it. This rose has been successfully crossed with *Rosa rugosa* by Miss Preston at Ottawa, giving a hybrid with purplish red foliage and larger flowers in the first generation, and it is hoped that in the next generation it will break up into many delightful forms. The introduction of purple foliage into the rose garden, combined with flowers of great beauty, would add new and very pleasing effects which can readily be imagined. A purple leaved rose with large rich yellow flowers would, indeed, be a striking and beautiful combination.

Something should be said here about the Polyantha Pompon or Baby Rambler roses which are becoming increasingly popular at Ottawa because of their continuity of bloom, hardiness and great usefulness for beds, borders or along walks. These little gems among roses continue to bloom profusely up to the time of severe frosts in October. Some of the most satisfactory are:—

FLOWERS IN LARGE CLUSTER

Aennchen Muller.....	Bright pink
Coral Cluster.....	Pale coral pink
Chatillon.....	Light cerise pink, white centre
Ellen Poulsen.....	Bright cherry rose
Katherine Zeimet.....	Pure white
Koster Orleans.....	Crimson scarlet
La Marne.....	Salmon pink semi-double
Lady Reading.....	Bright red
Maman Turbat.....	Peach pink
Mrs. W. H. Cutbush.....	Pale pink
Nurse Cavell.....	Brilliant scarlet
Orleans.....	Vivid rosy crimson
Rodhatte.....	Clear cherry red, large flower, single
Triomphe d'Orleanaise.....	Brilliant carmine
Yvonne Rabier.....	White

FLOWERS OF GOOD FORM

Baby Lyon.....	Coral red with yellow shadings
Cecile Brunner.....	Blush white, shaded pale rose
Etoile Luisante.....	Carmine and coral pink
Eugenie Lamesch.....	Yellow, buds edged carmine
George Elger.....	Pale yellow
Grus an Aachen.....	Flesh pink, large, very double
Perle d'Or.....	Nankeen yellow
Tip-Top.....	Cream petals, tipped rose

Members' Reports of New Roses

The following list of roses, which have been put on the market in the last 3 or 4 years, was sent to several of our members, so that we could publish first hand information about their behaviour in our Province. The opinions are by no means unanimous!

Billy Boy:—"A beautiful Double, will take well."—G. A. Scott.

Lady Helen Maglona:—"Lovely in bud but when open not so good."—G. A. Scott.

Dainty Bess:—"The best Single; strong grower; just as good at end of season as at any other time."—A. D. Heward.

"A lovely rose in bud only."—G. A. Scott.

Anne:—"A fine pink and free flowering."—G. A. Scott.

Arthur Cook:—"Very good red of good form; doing well 2nd year."—A. D. Heward.

"After surveying the wicked world for a few weeks my specimen of Arthur Cook went to join its ancestors. Foliage soft and a light pea green in color; growth weak; did not see any bloom."—A. J. Webster.

"Very good at R.C.Y.C."—S. B. Brush.

"A beautiful dark velvet. Am sure will take well."—G. A. Scott.

Dame Edith Helen:—"A lovely pink."—G. A. Scott.

"Planted this autumn, no report as yet."—A. D. Heward.

Doris Neave:—No reports.

Doris Trayler:—"Growth moderate; slight susceptibility to black-spot apparent; produces freely blooms of excellent shape and fair substance but held horizontally; color orange apricot, fading to cream with age. I like it very well."—A. J. Webster.

"Very good at R.C.Y.C."—S. B. Brush.

"A fine full rose."—G. A. Scott.

Dr. J. G. Fraser:—"Fine apricot colored."—G. A. Scott.

Francie Simms:—No reports.

Golden Gleam:—"Another beautiful yellow."—G. A. Scott.

Lady Margaret Stewart:—"As good as Golden Gleam but a little darker."—G. A. Scott.

Lady Worthington Evans:—No reports.

Lady Wakefield:—No reports.

Miss A. M. Bally:—"A good rose but am not fond of the color."—G. A. Scott.

Mrs. A. R. Barraclough:—"A fine rose and color good."—G. A. Scott.

Margaret McGredy:—"Can't say enough about Margaret McGredy,—it is lovely."—G. A. Scott.

Mrs. Beatty:—"This is a good rose and color good also."—G. A. Scott.

Mrs. Herbert Nash:—No reports.

Mrs. Talbot O'Farrel:—"Not so sure about this one."—G. A. Scott.

Naomi:—"Growth vigorous; foliage and stems a beautiful reddish brown, very decorative; no evidence of disease; stems of good length and rigidity; a profuse bloomer; blooms a dull buff in color but a little too globular in shape to suit my taste; faintly scented. It has much to recommend it."—A. J. Webster.

"It does well and color good."—G. A. Scott.

Prince Henry:—"A very good rose."—G. A. Scott.

Ville de Paris:—"Very fine,—was shown at R.S.O. Exhibition, 1927.—S. B. Brush.

"A beautiful rose and bears very strongly."—G. A. Scott.

Sir David Davis:—"Growth weak and spindly; susceptible to black-spot; foliage sparse; blooms attractive in early stages of development but with insufficient substance; color light scarlet with a suggestion of rose pink that I do not particularly like; slightly scented. There is nothing outstanding about this rose."—A. J. Webster.

"A fine rose and color rich."—G. A. Scott.

Madame Albert Barbier:—No reports.

Kirsten Poulson:—"A lovely rose and keeps well. Stems strong."—G. A. Scott.

Oriental Queen:—"This is a beautiful rose."—G. A. Scott.

Climbing Achievement:—"Always does well."—G. A. Scott.

Climbing Los Angeles:—No reports.

Climbing Butterfly:—No reports.

Climbing Golden Ophelia:—"I have this rose and it is doing rather well."—Henry Bertram.

"Generally does well."—G. A. Scott.

Doris Dickson:—"A nice orange cream,—beautiful coloring."—G. A. Scott.

Lord Lambourne:—"One year old; planted more this autumn."—A. D. Heward.

"Growth, foliage and blooming qualities satisfactory; no disease thus far; blooms large and untidy like a head of lettuce; color fine for those who like pale yellow edged and suffused with carmine. Much over-rated."—A. J. Webster.

"Good at R.C.Y.C."—S. B. Brush.

"A good rose and grows to a fine size."—G. A. Scott.

"Wintered very badly so that this year's observations may not be strictly fair. Bore eight semi-double slightly fragrant pale yellow blooms $\frac{3}{4}$ in. in diameter. The blooms are attractive and decorative and bear pinkish flecks on the petals. Black Spot 20%."—P. B. Sanders.

Gwyneth Jones:—"R.C.Y.C. very good."—S. B. Brush.

"A fine rose and carries lovely foliage."—G. A. Scott.

"This was our first season with this variety and we found it a vigorous grower, producing coppery orange single blooms, having an orange base and a slight fragrance. The blooms fade badly and the variety is not outstanding. Black Spot 20%. Thirteen blooms."—P. B. Sanders.

Rosemary:—"A nice rose; shade changes as it opens. Has a nice perfume."—G. A. Scott.

Climbing Sunstar:—No report.

Ivy May:—"A fine rose with a sweet perfume."—G. A. Scott.

"Apricot tinged with pink; fades to a creamy salmon pink; vigorous; blooms very attractive until full blown, when their lack of petalage is very evident; still it is worth while. Black Spot 20%. Fragrance slight. 16 blooms."—P. B. Sanders.

Roselandia:—"Another fine shaped rose."—G. A. Scott.

"A pale yellow rose of perfect shape with wonderfully strong straight stems and lovely foliage but better under glass than in the garden."—Editor.

C. P. Kilham:—No report.

Eva Eakins:—"A pretty trifle, here in the morning and gone by noon! Growth weak and stems like hair-pins, as I remember the latter. Susceptible to black-spot; buds and half-open blooms delightful; color pale yellow shading to cerise-carmine at the base and on the reverse side of the guard petals; another of life's disappointments."—A. J. Webster.

"A beautiful rose with fine deep color."—G. A. Scott.

June Boyd:—"Another fine rose; changes color when fading."—G. A. Scott.

"Bud deep apricot, flushed rose and pointed; bloom rosy pink with lemon yellow base, and of medium size; foliage is good; blooms not full enough; black-spot 30%. Slight fragrance. 12 blooms. Intend to test it further."—P. B. Sanders.

Mrs. C. W. Edwards:—"This one, like wine, improves with age; growth vigorous and foliage a beautiful light, glossy green; slight evidence of mildew in 1926 but none in 1927; a profuse bloomer and requires disbudding to maintain the quality; color rather ordinary,—rosy carmine shading to yellow at the base, no fragrance worth mentioning. The weak point is the color."—A. J. Webster.

"A good crimson and flowers generally large."—G. A. Scott.

"Though moderately vigorous this variety is disappointing to us, and gave us only two mediocre blooms all summer. Black Spot 20%."—P. B. Sanders.

Mrs. James Heath:—"This also looks promising; growth average; no disease to date; shape and substance of blooms satisfactory and color rather novel,—light apricot veined with carmine, giving the effect of coppery brown at a few yards distance; color fades somewhat after exposure to the sun. I like it."—A. J. Webster.

"This is a fine rose."—G. A. Scott.

Mrs. R. B. Molony:—"A very fine rose; good perfume."—G. A. Scott.

"The carmine pink blooms are not full enough and they fade quickly; vigorous plant; slight fragrance. Black Spot 20%. 13 blooms. Not an acquisition."—P. B. Sanders.

Norman Lambert:—"Nothing remarkable about this except its bud color. Of average vigor and slightly subject to black-spot; buds and half-open blooms very beautiful, but blooms lack substance and the color is fleeting."—A. J. Webster.

"One of the best. Has lovely color."—G. A. Scott.

Patience:—"Can't praise it too much."—G. A. Scott.

Victor Waddilove:—"Satiny rose pink with yellow base; semi-double; ordinary; black spot 10%; slightly fragrant. 6 blooms in first season."—P. B. Sanders.

White Ensign:—"I planted this fine rose in Spring of 1926 and had some blooms which were very fine. I think when established White Ensign will be a favorite."—Henry Bertram.

"Very good."—S. B. Brush.

"A fine rose but shy on bloom."—G. A. Scott.

"Pure white small flat blooms. Not extraordinary in its first season with us. No fragrance. Black Spot 10%. 7 blooms."—P. B. Sanders.

Ellen Terry:—"Cream with yellow tinge at centre and is very attractive; medium vigour and fragrance. Black Spot 10%. 9 blooms. Not enough substance to the blooms."—P. B. Sanders.

"Growth dwarf and stems rather weak, growing out horizontally rather than upright; foliage sparse but free from disease; blooms few in number but of perfect shape and sufficient fullness; buds always have opened well; color creamy white shaded dull yellow in the centre; scentless. I love this rose on account of its well nigh matchless form but I do wish it would grow more vigorously."—A. J. Webster.

Marcia Stanhope:—"Growth dwarf and bushy; stems strong; foliage soft and subject to both mildew and black-spot; buds and bloom full and globular and are produced freely; color pure white; slight fragrance. But for its tendency to disease I like it very well."—A. J. Webster.

"Blooms are pure white and have a slight fragrance but not enough substance. Plant lacks vigour and wintered very badly, so that the poor remains yielded us only 3 blooms. Black Spot 40%."—P. B. Sanders.

Maud Cumming:—"Coral pink bud,—bloom not full enough to be really double. Bud very attractive but the bloom fades badly and quickly loses its beauty, though it is quite large. Moderately vigorous and quite fragrant. Black Spot 10%. 26 blooms."—P. B. Sanders.

"Growth fairly strong; stems and foliage satisfactory; some evidence of black-spot; buds long and pointed; blooms profusely; color orange pink with yellow shades at the base; of fair substance; scentless. Despite its faults I like it."—A. J. Webster.

SUPPLEMENTARY LIST OF NEW ROSES

Described by P. B. Sanders of the Ontario Agricultural College

1. **Admiration, H.T.**—Strong grower, producing good sized pale pink blooms. Fine in the bud. Slight fragrance. Black Spots slightly (20%) and bore 18 blooms this season.

2. **Angele Pernet, H.T.**—Apricot tinged old rose with old gold base. Small, very lovely decorative blooms,, but the plant apparently needs coddling. Black Spot (20%). Fragrance slight. One plant gave us two blooms this season. Two out of three were winter-killed.

3. **Annie Laurie, H.T.**—Must admit that this variety does not impress us as it has many others. The blooms are small and not a full double. Growth is not vigorous; one out of three winter-killed, the other two were badly hit by frost. Black Spot (10%). Fourteen white flushed pink blooms in the season.

4. **Autocrat, H.T.**—Two good bushes planted in spring 1927 failed to grow.

5. **Barbara Robinson, H.T.**—Decidedly worth while in its first season with us. Deepest cream semi-double blooms, three inches in diameter. Very decorative. Slightly fragrance and gave us ten blooms in the season. Black Spot (10%).

6. **Belle Cuivree, H.T.**—Do not know just what to make of this rose and will give it further trial. The buds are crimson flushed orange, and the blooms are medium size and a bright coppery orange. Different and decorative, but is not vigorous, wintered badly, and had 60% Black Spot. Gave us 11 blooms having a slight fragrance.

7. **Bertha Turner, H.T.**—Shell pink globular blooms, inside of petals cadmium orange (which somehow gives the blooms a salmon tinge). Fades to creamy pink. Good size but not full enough. The base of the bloom is light yellow. No fragrance; 30% Black Spot and four blooms in this, its first season.

8. **Bessie Chaplin, H.T.**—Rose pink blooms which fade lighter. Blooms of poor substance, though foliage is fair. Neither unusual nor particularly desirable. Black Spot 20%. Fragrance slight. Fourteen blooms in the season and wintered badly.

9. **Betty Hulton, H.T.**—Buds apricot. Full bloom consists of creamy yellow, edged petals deepening to lemon yellow centre. Is semi-double and fades badly when fully open. However, is very attractive and has distinct decorative value. Black Spot 30%. Fragrance good, and pronounced. Twenty-two blooms in the season, and wintered fairly well.

10. **Betty Uprichard, H.T.**—Inner face of petals salmon pink, outer silvery rose. Very fine semi-double blooms. Vigorous grower and wintered in good condition. Black Spot 30%. Fragrance slight, and 22 blooms in the season.

11. **Breeze Hill, H. rug.**—We received no bloom in our first season with this rugosa, but find it a vigorous grower and subject to Black Spot 40%—something unusual with this type of rose.

12. **Capt. F. S. Harvey Cant, H.T.**—Palest pink, reverse satiny rose. While the bud is fairly attractive and the plant is moderately vigorous, the full bloom is not full enough, and is disappointing. Black Spot 10%. Slight fragrance, and eight blooms in the season.

13. Capt. Kilbee, H.T.—According to the descriptions in several catalogues the blooms of this variety are crimson, shaded scarlet—but in the gardens here they are a rosy carmine and much less brilliant than described. Also, this variety has so little fragrance that it is practically negligible—though it is listed as fragrant in periodicals of Great Britain. However, the flowers are large and well formed and the variety is very good, particularly for exhibition purposes. Black Spot 30%. Growth vigorous and 26 blooms in the season.

14. Courtney Page, H.T.—Brilliant crimson, but has a loose head and purples badly. Is vigorous but subject to both Black Spot 20% and Mildew 40% and has no fragrance. Nine blooms in the season. Not an acquisition.

17. Diadem, H.T.—Though not vigorous—it having wintered badly—this variety is very decorative and worth having. It is a fine shell pink in colour, the bud having an orange tinge. No fragrance. Black Spot 20%. 11 blooms in the season.

16. Duchess of York, H.T.—Similar in type to I. Zingari and Gwyneth Jones, but not as satisfactory as either of these. A poor doer and decidedly not an acquisition insofar as its first season is concerned. Black Spot 30%. Fragrance—nil. 6 blooms.

17. Dr E. N. Mills, H. rug.—Vigorous grower, showing no disease. Did not bloom in this, its first, season.

18. Eldorado, H.T.—A very good, vigorous, decorative yellow variety worth further trial, though it Black Spots badly. Full double and useful for cutting and exhibition as well as for decorative purposes. Black Spot 70%; 10 blooms; fragrance pronounced.

19. Elsie Beckwith, H.T.—Very satisfactory but its performance here does not raise particular enthusiasm. The blooms are deep rose fading to shell pink—and the full bloom is too open to suit me. Black Spot 30%. Slight fragrance; 16 blooms; vigorous.

20. Elvira Aramayo, H.T.—Has a very decided use for decorative purposes and is moderately vigorous. No doubt the brilliance of the small, semi-double blooms is arresting—but the colour later (as it fades) a poor washed pink—is not attractive. Has no fragrance. Black Spot 30%; 18 blooms.

21. Florence L. Izzard, H.T.—We had thirteen bushes last fall and all were winter-killed. We have finished with it.

2. Gooiland, H.T.—Carmine pink buds—satiny petals with palest pink reverse; fades badly; loose head. One of the very few Hybrid Teas which showed no trace of Black Spot this season. No fragrance. Wintered badly. Fifteen blooms.

23. Holt Hewitt, H.T.—Deepest crimson bud and small glowing crimson blooms which purple badly. May be satisfactory as a bedder and we will give it further trial, but we already have better varieties giving us the same colour. Black Spot 60%. No fragrance. Ten blooms.

24. I. Zingari, H.T.—Coppery rose with bright yellow centre—single; 3 inches in diameter. Black Spot 10%. Fragrance—none. Eight blooms.

25. John Henry, H.T.—Bright rosy pink (almost cerise) blooms which fade to a light pink. No fragrance and few blooms. Moderately vigorous. Black Spot 10%. Nine blooms.

26. **Lady Florence Strange, H.T.**—This is our first year with the variety and though it did not bloom profusely, we are looking forward to better results next year. So far, find the variety very much worth while even though it Black Spots rather badly (50%) and has little fragrance. The buds are well shaped and the blooms of good size. We had 7 blooms this year.

27. **Lady Martha Bruce, H.T.**—Very dainty and attractive rosy pink blooms showing only 8 petals. Very decorative. Black Spot 10%. Slight fragrance. Twelve blooms.

28. **Lady Roundway, H.T.**—Did not impress us favourably in its first season. Semi-double blooms—apricot tinted bright light yellow in centre, but fades. Has some decorative value. Black Spot 20%. No fragrance. 6 blooms.

29. **Lord Charlemont, H.T.**—Fine crimson, but, contrary to the experience voiced by others, both fades and purples with us. Still, it is a good garden rose. Black Spot 40%. No fragrance. Seventeen blooms.

30. **Mabel Morse, H.T.**—Both our bushes were winter killed. Expect to try it again.

31. **Maria Reid, H.T.**—Deep rose pin, fairly full and decidedly worth further trial. (This is its first season with us). No fragrance. Black Spot 10%. 8 blooms.

32. **Mrs. Calvin Coolidge, H.T.**—Our sole bush did not grow, but we hope to try it once more.

33. **Mrs. Courtney Page, H.T.**—Three bushes winter-killed—do not expect to try it again.

34. **Mrs. George Beckwith, H.T.**—Very beautiful light yellow bud—creamy yellow bloom of insufficient fullness. Moderately vigorous. Black Spot 30%. Slight fragrance, 18 blooms.

35. **Mrs. Henry Bowles, H.T.**—Fine satiny rose bud; silvery pink bloom lacking in substance. Moderately vigorous and slightly fragrant. Very satisfactory though it Black Spots readily 50%. 18 blooms.

36. **Mrs. James Shearer, H.T.**—We were quite delighted with the first year's performance of this variety. Bud is deep cream and well formed, bloom is full double, cream with the centre deepening to apricot. Rather unusual. No fragrance. Black Spot 10%. Only two blooms, but we are hoping for many more next season.

37. **Mrs. R. B. MacLennan, H.T.**—This variety, too, did very well in its first season with us and we hope to keep it with us for some time to come. Large, full lovely pink buds, which open, with a little difficulty, into large, double creamy pink attractive blooms, minus fragrance. Good for cutting. Black Spot 20%. 15 blooms.

38. **President Cherioux, H.T.**—Wintered very badly, and is not vigorous. Black Spot 10%. 9 blooms.

39. **Prince Yugula, H.T.**—This variety appeals to us as decidedly worth while, though we have tested it only one season. The blooms are the deepest darkest crimson and are very small. They purple only slightly and have a faint perfume. Good bedder and very decorative. Black Spot 30%. 12 blooms.

40. **Rheims, H.T.**—Fairly vigorous and worth further trial. Attractive. No fragrance. Black Spot 10%. 10 blooms.

41. **Salmon Spray, D. Poly.**—Salmon pink, fading to light pink. Semi-double and a fair size for the type, but not particularly attractive. No fragrance. Black Spot 10%. Bloomed during 3 weeks in July, 2 in August, and 4 in September.

42. **Saltaire, H.T.**—True rose colour, small and not full enough to be remarkable or even out of the ordinary. Black Spot 50%. Fragrance slight. 13 blooms in its first year. Plant completely defoliated 30-1X.

43. **Sarah van Fleet, H. rug.**—Vigorous grower, disease free. This was the first season and we had no bloom.

44. **Simone de Chevigne, H.T.**—Shell pink with orange tint; semi-double. Different: some of the petals have indented edges which give the bloom a ruffled appearance. Slight fragrance. Black Spot 10%. 4 blooms in its first season.

45. **Sensation, H.T.**—Dark crimson, $\frac{3}{4}$ double, $3\frac{1}{2}$ inches in diameter. Purples badly. Moderately vigorous. Quite fragrant. Black Spot 20%. 20 blooms.

46. **Victor Waddilove, H.T.**—Satiny rose pink with yellow base. Semi-double. Ordinary. Black Spot 10%. Slightly fragrant. 6 blooms in its first season.

47. **Wilhelm Kordes, H.T.**—Bud coppery salmon red; bloom not quite full enough and salmon pink when fully open. Moderately vigorous. Black Spot 30%. Slightly fragrant. 12 blooms.

SUPPLEMENTARY REPORT OF A. J. WEBSTER

365 Lauder Avenue, Toronto

11. **Mama Lamesch:**—Growth erect and stems long and strong; foliage blackspots; blooms are produced freely but there is not much that is distinctive about them; color coppery pink with yellow base, fading with age; some of the buds seemed to have difficulty in opening; practically scentless. I am not much impressed with this variety.

12. **Dr. A. J. Petyt:**—This one looks good except that it is scentless. Growth upright and fairly vigorous; foliage reddish bronze; free from disease thus far; buds and blooms of good size, shape and substance; color deep maroon that is well held. This variety will become popular I am satisfied.

13. **Herman Neuhoff:**—A vigorous grower and a free bloomer; foliage and stems satisfactory; shape and substance of blooms fair if dis-budded to some extent but the color is a dull red,—somewhat similar to that of Earl Haig; slight fragrance. If this variety only had Lord Charlemont's color it would surely find a permanent place in our gardens.

14. **Mabel Turner:**—Here is a suggestion for the exhibitor! Growth upright and stems quite strong enough to support the huge blooms; foliage apparently disease-resistant; the flowers are too grand for us to expect many of them; faultless as to shape and substance, color a deep salmon pink.

15. **Mlle. Irene Hennessey:**—Growth vigorous; stems weak in the neck; foliage ample and healthy; buds globular; color of blooms orange-carmine, similar to George C. Waud but not nearly so reliable in shape; scentless. We could have gotten along without it.

18. Princess Elizabeth of Greece:—Growth compact and bushy; stems of average length; foliage ample; no disease to date; in bud and half-open stage very charming; shape of expanded bloom rather flat; color orange yellow which fades with age; slightly scented. Nothing exceptional about it.

Roses in the Inner Temple

An old tradition is to be revived in the Inner Temple Garden by the cultivation of red and white roses. Sir Francis Taylor, the Master of the Garden, has planted the first tree which forms part of the new horticultural scheme, and, as the Duke of York is a Bencher of the Inn, the tree selected was that which bears the white rose of York. It is intended that the flowers shall bloom by the side of the upper walk of the garden that runs parallel to Crown Office-row. Inderwick's Calendar contains an interesting reference to roses of the Inner Temple. It is stated that "The large garden of the Inn, lying between the river and the hall, is the subject of much ancient tradition, not the least noteworthy of which is the alleged gathering of the red and the white roses by the respective champions of York and Lancaster before the outbreak of the civil strife known as the Wars of the Roses. Roses, in the time of Chaucer, were very prolific in England, as we know from his writings, and the Temple Garden was probably cultivated with these, as with other sweet-smelling shrubs, at least as early as the time of Henry VI."—The Times Weekly, London.

Pernetiana Roses

By P. H. Mitchell

With a palette of red, pink and yellow these genii who work miracles with nature have created for our gardens a galaxy of Rose colours blended into undreamed of harmonies. Aladdin's conjury has brought a fabulous gold which has wrought the Midas touch into the reds and pinks and has gilded the older golds of the garden.

The Rose Hybridizers' task is a fascinating one. For long years the great classes of Tea Roses and Hybrid Perpetuals held their attention. The Teas appeal with their exquisite and delicate colours, their fragrance, form and ever-blooming qualities; the Hybrid Perpetuals with their sturdiness, size and virile colours.

Teas are a development of *Rosa Chinensis*—or *Rosa Indica* as this Chinese species is often designated as it came to England via India. Hybrid Perpetuals were evolved through a series of crosses between *Rosa Chinensis*; the French rose *Rosa Gallica*; Hybrid Chinas, the product of

Chinensis and Gallica; and Hybrid Bourbos, a result of Gallica, Chinensis and Rosa Damascena, making a complicated lineage but creating many variations in the type. Naturally hybridists then crossed Teas with Hybrid Perpetuals and Hybrid Teas were launched, the first, La France, being introduced in 1867.

In Hybrid Teas we find characteristics of the varied parentage. Hardiness, sturdiness in growth, strong colour, size, perfume and ever blooming qualities are exhibited in greater or less degree and these variations make the class even more interesting as each rose can prove its individuality. We could probably have been satisfied for generations to come with the delightful surprises the new Hybrid Teas display year by year.

There is a weakness in the three classes, Hybrid Teas, Teas and Hybrid Perpetuals and that is a lack of good yellows. The Tea yellows are generally pale and delicate; the Hybrid Perpetuals did not produce any satisfactory yellow roses; the Hybrid Teas produced until a few years ago no more distinct yellows than such as those old favourites Duchess of Wellington, Mme. Ravary, Mrs. Aaron Ward and Mme. Melanie Soupert and of this charming quartette none are of a rich lasting yellow.

Look back on the yellow roses just mentioned and it is to be found that three of them, Mme. Ravary, Mrs. Aaron Ward and Mme. Melanie Soupert were creations of M. Pernet-Ducher of Lyon, France. It is M. Pernet-Ducher who is the Aladdin of the new Rose world and who has brought entirely new standards of colour to the Rose garden.

A precious seedling of a cross between the Austrian briar, Persian Yellow, and a Hybrid Tea, named Antoine Ducher, was the significant origin of a Rose which brought the intense gold of the Persian Yellow to eventually gild a whole new race of Roses, a Rose so important that, honouring its originator, Pernet-Ducher, the class has been called Pernetiana.

The great lack of the Hybrid Teas, real yellows, not the delicate colours derived through the Tea yellows, has been filled at last and this golden colour has been laid on the reds, pinks and yellows with a richness beyond imagination.

The characteristics of the Pernetiana Class are,—generally the overlaying of the Persian Yellow colour; vivid

glistening green foliage; reddish bark and a host of briar thorns, and also, unfortunately, a well developed tendency to "blackspot."

In the first crossings these characteristic features may appear more prominently but as time goes on, when with further hybridizing the ratio of Persian Yellow parentage is proportionately decreased, the characteristics of other parentages may naturally dominate so that the line between Pernetianas and Hybrid Teas may be hard to find.

A great many of the Roses comprising this class are now established favourites and it is only necessary to give the names of the following Pernetianas to show how M. Pernet-Ducher's fame deserves the honouring. Angele Pernet, Christine, Elvira Aramayo, Etoile de Feu, Golden Emblem, Independence Day. Isobel, Juliet, Los Angeles, Louise Catherine Breslau, Lyon Rose, Mme. Edouard Herriot, Mrs. Beckwith, Mrs. C. V. Haworth, Mrs. Wemyss Quin, Padre, Souvenir de Claudius Pernet, Souvenir de Georges Pernet, Sovereign, Sunstar, The Queen Alexandra, Willowmere and Wm. F. Dreer.

"Pinched" Roses

Many outdoor rose growers who attend Rose Exhibitions, most of the R.S.O. Executive among them, have been puzzled over the mysterious conversations of indoor growers about their "one, two or three pinch roses." This winter we determined to get an explanation, and, with this end in view, we spent a morning with Mr. Fred Miller in his wonderful conservatories out at Concord. I gratefully bear witness that, at the end of several hours of walking through his acres of roses with two interrogation marks,—your Hon. Secretary and your Editor,—he was just as good natured and enthusiastic as at the beginning, and even invited the entire Rose Society to come and see for themselves.

Indoor rose growers "pinch" their roses for two reasons. One is to produce larger, stronger and longer stemmed blooms, the other is to make sure of having a large crop of roses, more or less uniform, on a certain date. By pinching their roses they can gauge within 3 days when they will bloom. For instance, we saw roses pinched on Oct. 22nd, which are developing for the Christmas Season.

Now the way they do it is this,—as the sap begins to run in the plant, a bud will break out into a shoot just above a leaf, as we all know. When this shoot has grown long enough to have one leaf of its own they pinch it off about $\frac{1}{2}$ inch above its starting place. Immediately the entire force of the plant is concentrated to this spot to repair the damage, the other branches becoming almost dormant, and a new shoot is sent out between the $\frac{1}{2}$ inch of pinched-off shoot and the original leaf. This grows up until it, in turn, breaks out into a lateral shoot which is also pinched off when it has formed its one leaf. Once more the force of the plant is gathered to that spot, and if the shoot, which now grows, is allowed to develop it may be cut as a "two pinch rose." Those tremendous roses we see in Exhibitions, that almost awe us with their size and magnificence, are "4 pinch" roses. Only under the most favorable circumstances and with a sacrifice of strong, healthy plants can these monsters be produced. For, when they are cut, only hard wood is left on the plant, and it will be ages before that plant recovers and buds again. So one can understand that commercially these roses are not practical, as they would have to be a fabulous price. The plant will sometimes carry 2 or even 3 of these three and four pinch roses if enough space is given around the plant, so that it will get a larger share of nourishment from the soil; but in ordinary greenhouse planting only 1 bloom can be expected from a plant.

Of course, for commercial purposes the 1 and 2 pinch roses are the best, as the plants can bear many blooms of this length without becoming exhausted. By resting his plants at regular intervals and moving them every three years to new soil, Mr. Miller has hundreds of wonderful old warriors, 10 and 12 years old, which look like miniature apple trees below but are a thicket of exquisite new foliage above.

As well as these "pinched" roses every grower must, of course, have many hundreds of roses growing naturally, so as to ensure a continuity of bloom; otherwise he would have only masses of roses at certain intervals.

In exhibiting roses we all agreed that the growers should clearly state whether their roses were pinched or natural, as it is most misleading for the amateur and small grower. They have neither the perfect conditions, the space nor the quantity of plants needed to produce these immense 3 or 4 pinch roses,

or even 1 and 2 pinch ones, and they will be only wasting time and plants trying to produce them. An understanding of this helps us to be satisfied with our naturally grown roses,—as demonstrated at the Ontario Rose Show,—and also helps to explain the price we pay at Easter, Christmas, etc., for the long stemmed roses at the florists',—a careful examination of the stems will likely show a small leaf on one side with a $\frac{1}{2}$ inch of stem on the other in one or two places, and by these signs you may know you have purchased one or two pinch roses.

E. M. H.

Soil Moisture

Mr. F. H. Miller has an interesting fact to impart about soggy soil, which applies to both the greenhouse and the garden. When a bed becomes sodden with water, and refuses to dry out properly, it is dirty and needs a good spraying with clean water. Water sprayed through the air brings oxygen into the soil and this will dry out the bed. An interesting paradox but quite a logical one.

GARDENING DIFFICULTIES

We have made arrangements with the Editor of "Gardening Illustrated" to help the members of our Society in connection with their Gardening Difficulties and Problems. With the assistance of a staff of experts, he has undertaken to give them the benefit of the very best advice without charge, and thus the soundest practical assistance is at the disposal of our members. All such queries should be addressed:—The Editor, "Gardening Illustrated," Bouverie House, Fleet Street, London, E.C.4, and will be answered through the pages of the Journal.

INSECTS			
NAME	APPEARANCE	SEASON	CONTROL
Aphids or Green Fly.	Small green fly, $\frac{1}{8}$ in. long, with or without wings. Sluggish. Appears in large numbers on leaves, buds and stems.	Spring	Spray with tobacco extract (nicotine sulphate 4% or Black Leaf 40.) Dust $\frac{1}{2}\%$ nicotine with dust gun. Spray with 1 lb. Ivory or Castile soap to 6 gals. rain water. Wash off two hours later. Or 1 oz. soda bicarb. (baking soda) to 1 gal. water and 1 tablespoon household ammonia.
Leaf Hopper	Adults creamy white, young greenish white, 1-6 in. long. Found on under side of leaf.	Middle of June until frost.	Same as for aphids.
Slugs. Caterpillars.	Green or yellowish green, sluggish caterpillars. One kind feeds on upper side of leaf, the other on under. Adults black, four-winged flies, $\frac{1}{4}$ to 1-3 in. long.	May and June	Same nicotine spray as above, or lightly spray with arsenate of lead—1 oz. to 2 gals. water. Or dust with "Slug Shot" when leaves are moist.
Red Spider	Pale yellow, tiny mites. Feed on under surface of leaf, under a thin web.	Dry weather.	Spray heavily with cold water from under side of leaf, repeating every couple of days until spiders disappear. A spray of weak lime sulphur mixture—1 part to 60 parts water. But this tends to stain the leaves.
Rose Chafer or bug.	Grayish brown or fawn coloured beetles, $\frac{1}{2}$ in. long. Long legs.	June and early July.	Hand picking is the only resort, throwing the beetles into kerosene. A preventative measure is to sprinkle crystals of ammonium sulphate in the ground just below the surface around the rose plants, for rose bugs winter in the ground. Repeat every two weeks during April, May and June, and even after. Do this every year and you may exterminate them.

FUNGUS

NAME	APPEARANCE	SEASON	CONTROL
Powdery Mildew.	White powdery mildew on leaves, buds and shoots. When bad leaves are stunted, discoloured; buds fail to open.	Spring or late summer.	Spray with Lime-sulphur mixture—1 to 10 parts water before leaves appear. Then spray with Bordeaux mixture, or Potassium Sulphide, or dust with 1 part Arsenate of Lead Powder to 10 parts of Flower of Sulphur. Also Bicarb. Soda, 1 oz. to 1 gal. water.
Black Spot	Black, circular spots, running together to form patches; on upper surface of leaf. When bad, leaves turn yellow and drop off.	Flowering time and autumn.	Pick off and burn any infected leaves, and, where possible isolate troublesome bushes. Begin spraying before leaves appear and continue as directed with any of the special Black Spot sprays advertised in this book. See special article in 1926 Year Book.
Rose Canker	Well-defined yellowish brown spots, with purple border. Found on preceding year's shoots.		Shoots affected should be cut out and burned. Spray early in Spring with lime sulphur 1-10.
Rose Rust	Orange coloured patches on lower surface of leaves and on young shoots. Turning darker as summer approaches.	Late Spring	Rake up and burn leaves. Treat as for Black Spot.
Crown Gall	Irregular, rough, corky galls on roots or near surface of ground.		No remedy. Dig up plants and destroy Discard surrounding soil or sterilize thoroughly with Formaline.
Brand Canker	See illustration.	Spring	Cut away the cankers and spray with Bordeaux Mixture.

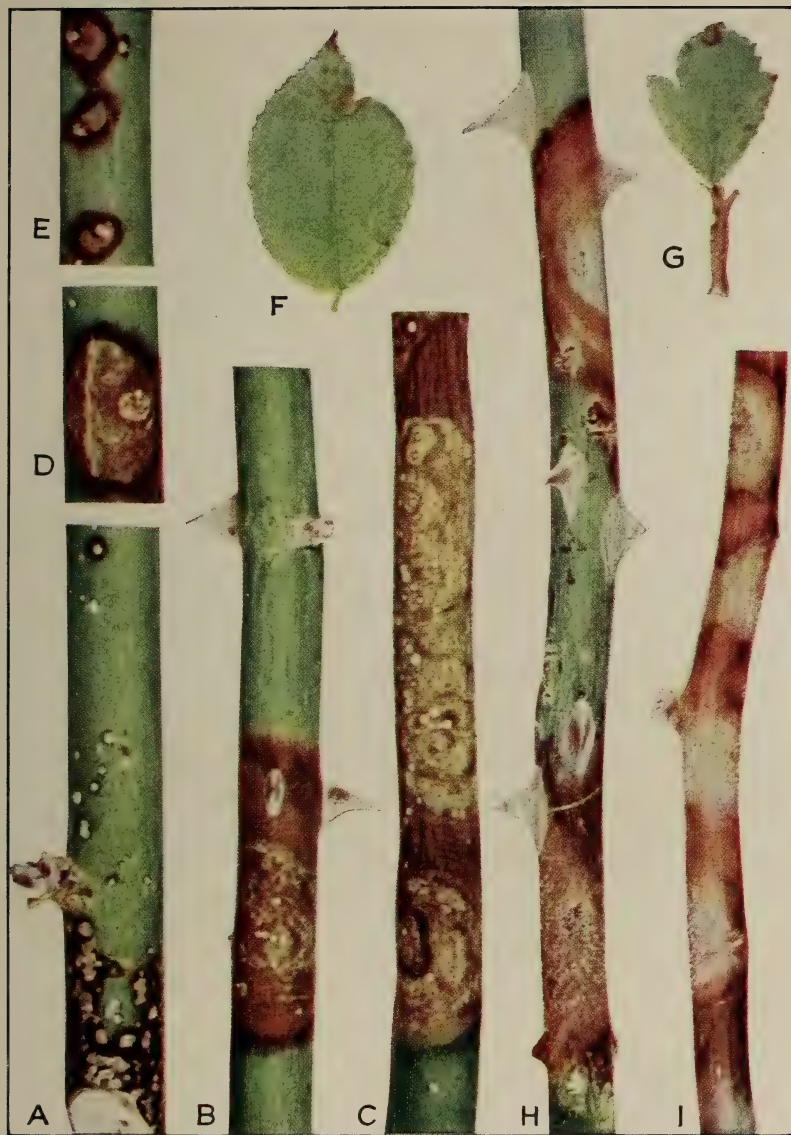


PLATE XI (I). Brown canker (A-G) and brand canker (H and I)

A-E, one-year La Tosca canes collected in May. F, leaflet of Oakmont; G, leaf and stipule of Gloire Lyonnaise. H and I, stems of a rambler rose. Reproduced from natural color photograph on Agfa plate made by Marcel L. F. Foubert.

*Reprinted in U. S. A. from the 1927 Annual
of the American Rose Society*

Advice to Beginners in Rose Growing

By the Editor

Buy your roses from reliable dealers and

Choose Varieties which have been proved suitable to our climate. A short list may be found at the end of this article, but there are many more.

Prepare your beds in the Autumn and

Plant your bushes the following Spring.

Choose a sunny position, away from trees and, if possible, with some shelter on the North and West. Be careful not to plant too near the house and be sure that your Climbers are not in a draught.

Dig your beds to a depth of about 18 inches.

A cool moist soil is needed. Rich clayey loam is the ideal. To this may be added, when the beds are prepared, either cow or pig manure. If the soil is gravelly or sandy, the addition of decomposed barnyard manure, rotted leaves or a good commercial fertilizer will help to make it acceptable to roses.

In planting spread out the roots well and bury the part where the rose is grafted to the briar about an inch below the surface. Be sure and press down the earth firmly around the roots so that there are no pockets for water to rest in.

Prune new roses and all weak roses severely. Cut out all dead and weak growth, leaving, on the Hybrid Teas, only 3 or 4 of the strongest branches, and shortening these 3 inches above the graft; cutting always just above a bud,—a slanting cut from the inside out.

With Hybrid Perpetuals leave 5 or 6 strong branches and shorten these about 6 inches above the graft. Always see that the remaining growths have enough space between them to allow for development. Polyanthas and Briars are pruned only by removing the dead wood. All these are pruned in the Spring. Climbers, except the Climbing Hybrid Teas, are pruned as soon as they have finished flowering by cutting away all the growth that has flowered.

For control of insects and blights see Chart.

Feed your roses with Bone and Blood fertilizer during the early blooming season, about a tablespoonful to each bush, applying carefully so as not to touch the bush with the fertilizer. In our climate it is considered better not to apply autumn fertilizers, as they cause soft growth which weakens the bush for the winter endurance test. For the same reason, do not stir up your beds in the autumn but let them gradually harden off.

Constant cultivation is necessary during the spring and summer, and in the hot months a mulch of grass cuttings helps to keep the soil cool and moist. Pansies or Violas planted between the roses answer the same purpose and are more decorative.

Just before the first severe frost pack clean earth around your H.P's. and H.T's., about 8 inches above the surface of the beds. If you can protect them from the winter sun with boxes open on one side, evergreen branches or straw, all the better, but on no account put these on until the earth is well frozen. It is better not to cover with manure or leaves or anything that becomes sodden. Climbers must be taken down from trellis or pergola, the long branches pegged to the ground and a complete covering of straw, with sacking or boards to hold it in place, put over them. With Standards, loosen one side of their roots so as to enable them to be laid as flat as possible on the ground, and put a similar covering over them—particular care being taken to protect the spot where the graft occurs.

Warning:—

Never water roses in the evening,—early in the morning of a warm day is the only safe time.

Be sure to cut off all suckers, i e., growth below the graft,—or your rose will revert to briar.

Dis-bud your roses if you wish to have good blooms. The Frau Karl Druschki especially must have those closely clustered buds thinned out or no bloom will develop properly.

When you have followed these rules, the next step is to exhibit the lovely roses you have grown in the Novice and Amateur Classes at the Rose Show of the Rose Society of Ontario, and so get the full benefit of the thrill that comes from doing a really artistic thing and doing it well!

SHORT LIST OF GOOD ROSES FOR EVERY GARDEN

PINKS

- *Lady Alice Stanley
- *Caroline Testout
- *Killarney (must be watched for mildew)
- *Lady Ashtown
- *Lady Pirrie
- Mrs. John Laing (H.P.)

PINKY YELLOWS

- *Ophelia
- *Madame Butterfly
- *Ivy May
- *Los Angeles (must be watched for black-spot)

YELLOWS

- *Souvenir de Claudius Pernet (must be watched for black-spot)
- *Christine (must be watched for black-spot)
- *Duchess of Wellington

* Need plenty of winter protection.

NOTE:—The single roses are grown for their wonderful colour, long period and wealth of bloom, but, of course they flatten out and do not last as long when picked as the double and semi-double roses. They do not need disbudding.

YELLOW BRIARS

- *Hugonis
- *Harrison's Yellow
- *Austrian Copper (not successful in cities)

* Winter protection not necessary.

CLIMBERS

PINK

- *Dorothy Perkins
- Tausendschon
- Dr. Van Fleet

RED

- Paul's Scarlet
- *American Pillar
- *Hiawatha

WHITE

- *Alberic Barbier
- *Dorothy Perkins, White

* Can be successfully grown as Wichuraiana,—that is over rocks, walls or banks.

POLYANTHAS

PINK

- Coral Cluster
- Mrs. Cutbush

RED

- Nurse Cavell
- Rodhatte

WHITE

- Katharina Zeimet

REDS

- Gruss an Teplitz (makes good standard) (do not disbud as it grows in clusters)
- General MacArthur (makes good standard)
- Etoile de Hollande
- *Hadley
- Ulrich Brunner (H.P.)
- Hugh Dickson (H.P.) (give lots of room as it grows very large)
- J. B. Clark (H.P.) (give lots of room as it grows very large)

WHITE

- Frau Karl Druschki (H.P.) (makes good standard)

SINGLE ROSES

REDS

- K. of K.
- Red Letter Day

PINKS

- Isobel
- Dainty Bess

YELLOW

- Billy Boy

APRICOT YELLOW

- Irish Fireflame

RUGOSA

- *Conrad F. Meyer (needs slight winter protection in colder parts of Province)
- *F. T. Grootendorst
- *Mme. Chas. Worth

List of New Roses, 1928

These are recent introductions, and have not been tested out in Canada.

- Allen Chandler** (Geo. Prince)—An effective Pillar Rose, vivid scarlet, Gold Medal N.R.S.
- Becky** (G. Beckwith & Son)—Single, rose pink, buds almost red, not subject to mildew.
- Bedford Crimson** (Laxton Bros.)—Velvety crimson, true old rose scent, plenty of substance. C. of M., N.R.S.
- Bianca** (Pemberton)—Flowers full pointed on stiff stem, colour white, very fragrant.
- Bernice** (Pemberton)—Colour yellow, heavily flushed with golden pink, semi-double, tall growth.
- Countesse de Castille** (Pern)—Orange flame bordered intense vermilion, passing to golden coral, fragrant.
- Chas. P. Kilham** (G. Beckwith & Son)—Brilliant orange orient red, splendid flower, fine habit, Mildew proof.
- Cuba** (G. Beckwith & Son)—Orange scarlet or Lincoln red on back of petals, inside light velvety crimson, semi-double, fragrant.
- Desmond Johnstone** (S. McGredy & Son)—Brilliant scarlet, heavily flushed orange and claret, does not fade, flowers splendid shape, Tea perfume.
- Emily Dodd** (Dickson)—Creamy yellow changing to milk white, large, full and lasting.
- Everest** (W. Easlea & Sons)—A giant white rose of perfect form, the largest rose yet raised. Gold Medal N.R.S.
- Gooiland Beauty** (G. A. Van Rossem)—Clear golden orange, semi-double, very free, one of the finest semi-doubles.
- Gooiland Glory** (G. A. VanRossem)—Vivid glowing cherry red and coral red shades, semi-double, fragrant.
- Golden Butterfly** (H.T.)—Clear shining golden orange, yellow, buds striped coral red, semi-double, strong and free.
- Julia Countess of Dartrey** (Dr. J. Campbell Hall)—Pure "Tyrian Rose" with a yellow base, ideal shape, stems long and stout, fragrant. Gold Medal N.R.S.
- Lady Mary Elizabeth** (H.T.)—Bud brilliant pink, without shading, splendid form, erect and vigorous, fragrant.
- Ladylove** (G. Beckwith & Son)—A seedling from "Ophelia," the colour is deeper than Madame Butterfly, the rose pink shade is flushed with apricot, free and fragrant.
- Leslie Evans** (F. Evans)—Rich dark velvety crimson, semi-double, long pointed bud, vigorous and hardy.
- Lady Sylvia** (H.T.)—Sport from Madame Butterfly, a better colour in every way.
- Lord Castlereagh** (Dickson)—Rich deep crimson, probably the darkest rose in cultivation, fragrant.

- Madame Mallerin** (Chambard)—Scarlet crimson, shaded with vermilion, very double, strongly perfumed.
- Mademoiselle Mallerin** (Chambard)—Large white rose, buds well shaped carried erect, very vigorous.
- Marion Cran** (McGredy)—Buttercup-yellow margined and flushed cerise and rosy scarlet, as the flower opens the outer petals retain their colour, whilst the inner side opens a brilliant geranium scarlet, veined orange yellow, erect habit.
- Miss Bep Van Rossem** (G. A. Van Rossem)—Dark canary yellow, retaining colour, pointed bud, erect, and never subject to mildew.
- Mrs. G. A. Van Rossem** (G. A. Van Rossem)—A combination of colours, heavily flamed and shaded dark orange and apricot on a dark golden yellow ground, reverse petals often bronze and nearly brown, perfect blooms, fragrant.
- Mrs. G. A. Wheatcroft** (H.T.)—Outside petals soft salmon pink to carmine, with orange base, inside of petal is gold at base shading coppery pink, fragrant.
- Pink Pearl** (Leenders & Co.)—Bright rose pink shaded red with salmon base, handsome full flowers, fragrant.
- Souv. de Madame Pidoux** (H.T.)—Indian yellow in bud, outside petals golden yellow, free flowering, perpetual.
- The Princess Elizabeth** (Pernet)—Sport of Queen Alexandra has yellow centre to petal and back of petal, almost entire amber gold, the front retaining the brilliant colour of the parent.
- W. A. Bilney** (H.T.)—Pale apricot, back of petals primrose which are enormous and resemble a large Paeony, fragrant.
- Madame Andre Saint** (H.P.)—Large long buds, cup-shaped flowers, milky-white, turning pure white, with creamy centre, tinted chamois, vigorous, floriferous.
- Golden Salmon** (Polyantha)—A new colour, intense fiery golden salmon, flowers in large trusses, strong, medium height.
- Oriental Queen** (Polyantha)—Brilliant orange scarlet, with yellow base fading to vivid carmine, free flowering.
- Breeze Hill** (H. Wich.)—Colour deep pink with tints of pink and salmon, flowers of enormous size, both in clusters and single flowers, open flowers have from 50 to 60 petals.
- Eugene Transon** (T, Climber)—Outside petals orange red, centre orange nankeen yellow and coppery, buds long and full, flowers double, good form, fragrant.
- Annie Burgess** (S. W. Burgess)—A new early climber, charming pale pink, flowers large, single, thick petals, vigorous.
- Climbing Madame Butterfly** (P. E. Smith)—Colour identical to its parent, very sweetly scented, climbing habit.
- Royal Scarlet Hybrid** (Chaplin)—Colour a shade deeper than Paul's Scarlet, flowers a little smaller but beautiful.

S. B. BRUSH

Notes of Members

A letter to our Secretary from Mr. W. J. Fuller, of Sault Ste. Marie, tells of his success in growing roses in that district. He has over 200 bushes, mostly Hybrid Teas, and never has any losses through winter killing. The heavy snow in the Northern districts is really a great aid to rose growing.

A letter from another member of our Society tells of very different experiences in rose culture. Mr. Dinsha M. Aga, of Rose Cottage, Deolati, Bombay, India, is a most enthusiastic rosarian but he says he is in the minority in India, as very few people care about roses. Perhaps the climate makes rose growing too easy,—it is often the difficult thing that is fascinating,—or it is the difference between the bracing and the enervating climate. In any case it is all the more to Mr. Dinsha Aga's credit that he has persevered with his roses and is trying to bring others to see the beauty and delight of this best of recreations.

The Rose in Alberta

In Eastern Canada, the United States and in the old land our Province is considered to be in the frozen north.

Three years ago a large party of editors touring Canada were amazed at the wonderful flowers which our society displayed at the Macdonald Hotel—Sweet Peas, Dahlias, and a host of other flowers of very choice quality met the eye of the visitors, but very few Roses.

Since then, however, there has been a marked increase in the number of roses grown in the Province and in the City of Edmonton.

Last summer when the writer went around the gardens of Edmonton, judging 270 entries in the garden competitions, we were surprised and delighted to find that almost every garden had its bed of roses, in many cases as many as fifty trees with wonderful blooms.

The great difficulty here has been the killing of the trees in the February thaws, when followed by severe frosts.

Several nurseries are now supplying trees at such a reasonable price that the Rose lover has been enabled to use them as an annual, and results prove that they are worth the money if they do not come through the Winter.

The Edmonton Horticultural Society has lectures every two weeks during the winter; last year we had a talk on Roses, the hall was crowded out on that occasion, exhibiting the growing interest in Rose growing. Much information was gained by the experience of rose growers who took part in the discussion; generally speaking the best results in wintering seemed to be obtained by those who did the least in the way of protection, many had brought them through with very small loss by just sufficient shade or covering to protect them from the thaw until it set in permanently.

Last spring about 500 rose trees were purchased by our members and we are making increased provision for their display at our flower show in August next, when we hope the Rose will be one of the attractions of the show.

In Alberta and Edmonton the Rose is coming to its own, and there is no doubt that in the future the Rose will take a prominent place in our gardens, as sweet peas, dahlias and other flowers have done.

E. P. WILLIAMS,
Secretary, Edmonton Horticultural Society.

Wintering Roses in Edmonton

Mr. W. V. Newson of Edmonton who has grown Hybrid Tea roses with great success in the difficult climate of Alberta, gives the following instructions for wintering young and tender plants "My method of keeping Hybrid Tea roses through the winter is to store them in the cellar as soon as the leaves have fallen from the trees. I make a little border of earth against the north side of the cellar wall, and bury them completely, not disturbing them until they are ready to be put out in the Spring; which, in this climate, should not be before April 15th, according to the condition of the ground where they are to be planted.

I have had some success in keeping roses outside during the winter, but have not tried it with Hybrid Tea roses, but will do so when the trees have made sufficient growth and have ripened fairly stout branches.

. . . In this climate I find it is good practice, if one has time, to start tender roses such as these in a rough glass frame, made of storm sash against a South exposure of the house, in the first week in April, planting them in small square boxes of earth which can be knocked apart without disturbing the roots when it is time to set them out. This I did last year with your (Merryweather) plants, with the result that when I set them out about the 15th of May some of them were in bud, and I had a long season of blooming right up to the season of frost in the Fall.

The chief danger to be guarded against in the West in leaving roses out all winter, is prematurely warm weather in the Spring. They should be covered with earth up to the point where they are to be pruned for the ensuing year, and they should be protected from the sun in the Spring so that the frost will be retained in the ground until the 15th of April, when the shelter can be removed without danger. If this is not done, there is almost invariably a warm period in March which will promote sprouting, and later storms and cold weather are sure to kill the plants.

Report of the Rose Show of the Aylmer Horticultural Society

I have pleasure to report to you that we held our 1st Annual Rose Show last Thursday, June 30th.

The results of the competition for the Ontario Rose Society's Medal and Diploma were as follows:—

Miss Myrtle Teepee won the Silver Medal, getting 100% for her exhibit of 12 roses, 4 varieties.

Dr. Davis, our President, had 85% with a very good selection. There were 5 entries in this class.

Dr. Chas. Sinclair won the Diploma for the specimen rose with a "Souvenir de Georges Pernet."

The Judge, Mr. R. V. Smith, Old Gardens, St. Thomas, highly complimented the Society on the splendid quality of the roses entered in the various classes.

We hope at a future date to be advanced enough to be able to send some of our roses to Toronto for competition. But we have a lot to learn yet before we try competing against experienced rose growers.

JOHN H. TUFF, Secretary.

The Constitution

I. The members of the Society hereby constitute themselves The Rose Society of Ontario, the seat of which shall be at Toronto, where the Records and Library shall be kept.

II. The purposes of the Society are to study, cultivate and exhibit Roses, award prizes for cultivation, exhibition of and essays upon Roses and Rose Culture. To acquire a Library on Rose Culture and generally to further and encourage the cultivation and study of Roses.

III. The Society shall consist of its Members and such additional persons as shall from time to time be recommended for admission to membership by the Committee, on payment of the fees prescribed by the rules.

IV. The members of the Society shall elect by Ballot from amongst themselves a committee, to consist of twenty members, of whom six shall form an Advisory Board, and such Committee shall make rules, and perform all executive and administrative duties; and six shall form a quorum. The Committee shall elect a President and four Vice-Presidents, who shall hold office for one year, and shall be eligible for re-election.

V. The Committee shall hold office for one year from the date of their election, and until their successors shall be elected, and all members thereof shall be eligible for re-election.

VI. The Committee shall appoint a Secretary and a Treasurer, both of which offices may be held by one person, who shall hold office during the pleasure of the Committee, and shall perform such duties as the Committee may direct.

VII. Any member of the Committee, who shall be successively absent from three duly called meetings thereof, without the consent of the Committee, shall thereupon cease to be a Member of the Committee, who may then proceed to fill the vacancy as hereinafter provided.

VIII. If any vacancy occurs in the Committee, by the death, resignation or inability to act, of any of the members thereof, the other members of the Committee may appoint another to fill his or her place, to hold office on the same terms as the other members of the Committee.

IX. The members of the Society in any city or town or other districts of Ontario to be defined by the Committee, may, with the approval of the Committee, appoint a sub-committee, for such city or town or other district, and may elect a presiding officer thereof, to be called the (name of the city, town or district) Vice-President, and subject to the approval of the Committee for the management of such local affairs of the Society, not inconsistent with the Constitution and Rules, as may be necessary, and members so acting may adopt the name of the Rose Society of Ontario (name or city, town or district) Branch.

X. Exhibitions shall be held in Toronto, and may be held at other points in Ontario, at times to be appointed by the Committee and prizes may be given at such Exhibitions.

XI. All competitions for prizes shall be divided in the following classes:—

Class 1.—Professional.—Comprising all such persons or corporations as carry on the trade of growing and selling flowers.

Class 2.—Semi-Professional.—Comprising all persons who do not grow flowers for profit, but keep gardeners, not otherwise employed.

Class 3.—Semi-Amateur.—Comprising all persons who do not grow flowers for profit, but have the occasional assistance of gardeners in the cultivation of Roses, not solely employed by themselves.

Class 4.—Amateur.—Comprising all those persons who do not grow flowers for profit, and who cultivate roses without the assistance of skilled gardeners, but who may employ a labourer.

Class 5.—A Novice is an amateur who has never exhibited roses at any previous Show.

NOTE:—Amateurs or semi-amateurs may compete in the Professional or Semi-Professional Classes, but the Professional or Semi-Professional may not compete in the Amateur or Semi-Amateur Classes.

XII. The Constitution may be changed in any respect, by a two-thirds vote of the members present at any annual meeting of the Society.

XIII. A general meeting of the members of the Society shall be held at such place in the City of Toronto as the Committee shall appoint, in the month of December in each year, on such day as the Committee shall appoint, for the purpose of receiving a report from the Committee of all matters of interest and business during the preceding year, and for all other general purposes relating to the management of the Society, and at such meeting, a full statement of the finance of the Society shall be submitted to the meeting by the Committee for the year. Notice of such annual meeting shall be mailed to each member of the Society not later than ten days before such a meeting shall be held.

For the benefit of those wishing to join the Society, we here print the rules. Membership in the Society gives opportunity of obtaining personal assistance in Rose growing by sending a letter, with questions clearly stated and stamped envelope enclosed, to the Secretary, Mr. P. B. Sanders, Ontario Agricultural College, Guelph; also of visiting the exhibitions and of receiving a copy of the Annual.

Rules of the Rose Society of Ontario

1. The subscription to the Rose Society of Ontario shall be one dollar per annum for ordinary members, and five dollars for sustaining members, payable in advance on the date of the annual meeting, and not later than the first day of January of each year.

2. A newly elected member, on being notified of his or her election, shall forthwith pay his subscription for the year.

3. If a member is elected after December 1st in any year and before the following January, his or her subscription shall be taken as for the following year, and the Rose Society's year end with the calendar year.

4. Any member may, upon payment of twenty-five dollars (\$25.00) be declared a Life Member. This takes effect after January 1st, 1928.

5. The Committee may form such Sub-Committees as may be necessary for the transaction of business.

6. Lectures and instructions upon Roses and their culture shall be given under the auspices of the Society, at such times and places as the Committee may determine.

7. The Committee shall have power to appoint such persons, not necessarily members of the Society, as may be necessary for arranging for the Exhibition.

8. That any other Rose or Horticultural Society desirous of a medal from the Rose Society of Ontario, may have same by the payment of an affiliation fee of \$5.00 on the part of the organization concerned, or the presence in the locality of the Exhibition of 10 members of the Rose Society of Ontario. There must be 3 competitors at least for this medal to be won.

9. The President may appoint a Nominating Committee whose duty it will be to prepare a list of twenty members who, from their interest in the Society, will undertake to act on the Executive Committee, and shall nominate the same at the General Meeting. These names shall be printed on a ballot slip, but such action of a Nominating Committee shall not prevent further alternative names being added by members by nomination at the General Meeting.

By-Laws

(Defining the duties of the officers of the Rose Society.)

Sec. 1.—Regular meetings of this Society shall be held on the first Thursday of each month.

Sec. 2.—Special meetings may be called at any time by order of the President, and may be called at the written request of five members, notice of which shall be sent to each member by mail, such notice to specify the business which is the occasion of the call. No business other than mentioned shall be transacted at such meeting.

Sec. 3.—The hour of meeting shall be 8 o'clock p.m., unless otherwise ordered by the Society.

Sec. 4.—It shall be the duty of the President to preside at all meetings of the Society, to enforce strict observance of the Constitution and By-Laws of the Society, to appoint all committees not otherwise provided for, to approve all orders drawn on the Treasurer for appropriations of money made and passed at a meeting of the Executive (in future known as Board of Directors), and to perform such other duties as his official charge may require of him.

Sec. 5.—It shall be the duty of one of the Vice-Presidents in order of his seniority, to preside at all meetings of the Society in the absence of the President. If none are present, the Society shall elect a president pro tempore.

Sec. 6.—It shall be the duty of the Honorary Secretary to keep correct minutes of the proceedings of the Society, to keep a list of all members, of the time and place of all meetings in such manner as may be directed, and advise them of all notices of motion in accordance with the constitution. He shall receive and pay over to the Treasurer all moneys due and belonging to the Society, receiving receipt therefor and shall draw and countersign all orders on the Treasurer, approved by the President. It shall be his duty to keep record of all meetings of the Board of Directors and each member's attendance at such meetings, and in his annual report, state the number of meetings held and how many each member attended. He shall also preserve all books, papers and other documents belonging to the Society, and upon retiring from office,

deliver all such to his successor. He shall perform all other duties usually pertaining to that office, and at the annual meeting render a complete report of the membership and condition of the Society.

Sec. 7.—The Treasurer shall receive from the Honorary Secretary all moneys, giving a receipt therefor, and pay them out only on an authorized order from the Secretary, approved by the Board of Directors and countersigned by the President or nominee of the Board. He shall keep a proper record of his receipts and disbursements, subject to the inspection of the Society, and shall deliver to his successor all moneys, books and other property belonging to the Society which may be in his possession, and at the annual meeting or when otherwise required, he shall furnish a complete report of his office, producing vouchers for all moneys paid out. He shall furnish such bond for the faithful performance of his duties as the Board shall direct, the cost of same to be paid by the Society.

Sec. 8.—It shall be the duty of the Executive Committee (Board of Directors) to have full charge of the working interests of the Society; they shall aid the President in the management of the Society between its sessions, and shall report on such matters as may be assigned to them for consideration on a vote of the Society at its meetings.

Sec. 9.—All members of the Society who are in good standing shall be eligible for any office in the Society. The President, Vice-President, Secretary, and Treasurer shall be ex-officio members of all Committees.

Sec. 10.—Six members shall constitute a quorum for the transaction of business at any authorized meeting of the Society.

Sec. 11.—The member named first on the Committee shall act as chairman until another is chosen by the said committee.

Sec. 12.—Parliamentary usages shall be observed in all debates and discussions.

Sec. 13.—In the election of officers, a ballot shall be taken for the President, and the Vice-Presidents and it shall require a majority of the votes cast to elect each such officer, and when three or more candidates are nominated, the one receiving the lowest number of votes on each ballot shall be dropped from the list, until only two remain, or until one shall have received a majority of the votes cast. In balloting for Directors, the fourteen candidates receiving the highest number of votes shall be elected and all ballot papers used shall bear the stamp of the Society.

Sec. 14.—Life membership in the Society may be had upon payment of a fee of \$25.00.

Sec. 15.—No person shall be elected to the office of President of the Society for more than 2 years in succession, and a period of 2 successive years shall intervene between any terms of office so held.

Sec. 16.—A nominating committee to consist of the President of the Society and the chairman of the various committees be appointed to nominate the officers of the Society for the then ensuing year, and report such nominations to the annual meeting.

Sec. 17.—By-Laws may be made, altered or repealed at a meeting called in accordance with the constitution.

LIFE MEMBERS

Adam, Mrs. G. G.	160 St. George St.
Aikins, Mrs. W. H. B.	134 Bloor St. W.
Ames, Mr. A. E.	Glen Stewart, Kingston Rd.
Armour, Miss M. E.	4 Chicora Ave.
Bertram, Mr. H.	Dundas, Ont.
Baldwin, Dr. J. M.	Bowmanville, Ont.
Beardmore, Miss H. L.	Meadowvale, Ont.
Board of Park Management	St. Catharines, Ont.
Bristol, Mrs. Edmund	179 Beverley St.
Burden, Mrs. C. E.	494 Avenue Road
Burden, Mr. C. E.	494 Avenue Road
Burnside, Mrs. J. S.	182 Lowther Ave.
Christie, Mrs. R. J.	29 Queen's Park
Cox, Mr. H. C.	Oakville, Ont.
Dewart, Mrs. H. H.	5 Elmsley Place
Eaton, Lady	480 Davenport Road
Eaton, Mrs. Timothy	182 Lowther Ave.
Flavelle, Sir Joseph	Queen's Park
George, Mr. W. K.	71 Highlands Ave.
Gibbons, Mrs. J. J.	120 Roxborough St. E.
Gooch, Mrs. F. H. G.	120 Crescent Road
Gow, Dr. George	19 Chestnut Park Road
Gow, Lt.-Col. Walter	21 Chestnut Park Road
Hamilton, Mrs. L. A.	30 St. Joseph St.
Hanna, Mrs. W. J.	236 N. Brock St., Sarnia, Ont.
Heward, Mrs. Aubrey D.	Oakville, Ont.
Heward, Mr. Aubrey D.	Oakville, Ont.
Hobbs, Mr. Thomas S.	London, Ont.
Holden, Mrs. J. B.	31 Roxboro Drive
Holden, Mr. J. B.	31 Roxboro Drive
Holmested, Mr. A. W.	45 Dunvegan Road
Howard, Mrs. Lewis	131 Madison Ave.
Howard, Mr. Lewis	131 Madison Ave.
Jarvis, Miss Bertha	34 Prince Arthur Ave.
Kennedy, Mrs. J. R.	1673 Kingston Road
Laidlaw, Mr. R. G.	35 Jackes Ave.
Light, Mr. P. S.	
Lyon, Mrs. Walter H.	85 Isabella Street
Lyon, Mr. Walter H.	85 Isabella Street
Mackendrick, Col. W. G., D.S.O.	Chestnut Point, Oakville
McLaughlin, Mr. R. S.	Box 247, Oshawa, Ont.
McMichael, Mr. S. B.	44 Dinnick Cres.
Miskelly, Mrs. William M.	60 Pine Crescent
Miskelly, Mr. William M.	60 Pine Crescent
Moore, Mr. W. H.	10 Cluny Ave.
Nerlich, Mr. Henry	78 Chestnut Park Road
Osler, Mrs. F. G.	16 Rosedale Road
Patterson, Mrs. A. B.	11 Bedford Road
Paterson, Mr. J. D.	Woodstock
Rennie, Mr. Thos.	10 N. Sherbourne St.
Rogers, Mrs. Alfred	40 Glen Road
Rolph, Dr. A. H.	160 St. George St.
Rolph, Mr. F. A.	42 Edgar Ave.
Rose, Col. Hugh A.	Welland, Ont.

✓ Roy, Mr. W. Ormiston.....	207 Papineau Ave., Montreal
Sheppard, Mrs. O. B.....	288 Russell Hill Road
✓ Sifton Sir Clifford.....	Bayview and Lawrence
Temple, Mrs. Chas. A.....	398 Palmerston Ave.
✓ Thomson, Mrs. J. B.....	151 Rusholme Rd.
Tilley, Mrs. W. N.....	488 Avenue Road
✓ Venables, Mr. F. G.....	129 Balmoral Ave.
Warren, Mrs. H. D.....	95 Wellesley St.
✓ Williams, Mrs. H. H.....	565 Avenue Road
Wilson, Mr. J. Lockie.....	582 Huron St.
✓ Wright, Mrs. Hedley.....	2 Swanwick Ave.

HONORARY LIFE MEMBERS

Freemantle, Mr. A. H. O.....	
✓ Gibbons, Mr. J. J.....	120 Roxborough St. E.
Maccoomb, Mr. Albert.....	104 Bond St.

SUSTAINING MEMBERS

✓ Blundell, Mrs. Arthur.....	R.R. No. 3, St. Catharines, Ont.
Brush, Mr. Seely B.....	32 Lowther Ave.
Burgoyne, Miss Clara E.....	St. Catharines, Ont.
✓ Burgoyne, Major H. B.....	St. Catharines, Ont.
Case, Mrs. Allan.....	34 Warren Road
✓ Clark, Mrs. A. R.....	482 Avenue Road
Clark, Mrs. L. H.....	6 Clarendon Crescent
Dods, Mrs. J. M.....	Alton, Ont.
Dunington-Grubb, Mrs. L. A.....	15 Astley St.
Dunlop, Mr. J. H.....	Richmond Hill, Ont.
✓ Dunlop, Mr. Frank W.....	Richmond Hill, Ont.
Eaton, Mrs. W. F.....	Oakville, Ont.
Egan, Mr. Meredith.....	R.R. No. 3, Waterford, Ont.
✓ Grover, Mrs. G. A.....	680 Huron St.
Harcourt, Mrs. F. W.....	179 Poplar Plains Road
✓ Hayes, Mr. F. Barry.....	"Donnybrook," Snowden Ave.
Hellmuth, Mrs. I. F.....	"Strathallan," Allandale, Ont.
✓ Hendrie, Mrs. Wm.....	"Holmstead," Hamilton, Ont.
Hooper, Mrs. Harry.....	548 Huron St.
✓ Johnson, Mr. David.....	429 Palmerston Blvd.
Kent, Mr. F. A.....	Port Perry, Ont.
✓ Laidlaw, Miss Margaret.....	32 Sherbourne St. North
Macdonald, Mrs. W. Campbell.....	127 St. George St.
✓ MacLennan, Professor A. H.....	O.A. College, Guelph, Ont.
✓ McDonald, Mr. Kenneth P.....	Ottawa, Ont.
Messenger, Mr. D. L.....	R.R. No. 1, Windsor, Ont.
✓ Mitchell, Mr. P. H.....	1003 Bank of Hamilton Bldg.
Paterson, Mrs. J. D.....	Woodstock, Ont.
✓ Peacock, Mrs. E. R.....	71 Crescent Road
Reaves, Mrs. Campbell.....	165 St. George St.
✓ Rogers, Mrs. A. S.....	103 Poplar Plains Road
Rolph, Dr. A. H.....	Hospital for Sick Children, College St.
✓ Sampson, Mr. J. E.....	72 St. Leonard's Ave.
Smith, Messrs. E. D. & Sons.....	Winona, Ont.
✓ Snively, Major A. C.....	20 Heathdale Road
Wills, Mrs. Hamilton B.....	132 Crescent Road
✓ Wood, Mr. E. R.....	King St. E.

Wrong, Prof. G. M. 73 Walmer Road

AFFILIATED SOCIETIES

Aylmer West Horticultural Society Aylmer West, Ont.
 Beaverton Horticultural Society Beaverton, Ont.
 Edmonton Horticultural and Vacant Lots Garden Assoc., Edmonton, Alta.
 Guelph Horticultural Society Guelph, Ont.
 Halifax Floral Association Halifax, N.S.
 Ottawa Horticultural Society Ottawa, Ont.
 Point Grey Horticultural Society Vancouver, B.C.
 St. Catharines Horticultural Society St. Catharines, Ont.
 St. Clair District Horticultural Society Toronto, Ont.
 Welland Horticultural Society Welland, Ont.

ORDINARY MEMBERS

Ackerman, Mr. H. W. 232 Anne St., Belleville
 Adair, Miss Martha M. Nottawa, Simcoe Co., Ont.
 Adam, Mr. G. G. 160 St. George St.
 Adams, Mrs. F. J. 421 Pape Ave.
 Adams, Mr. W. M. Box 62, Belleville, Ont.
 Adamson, Mrs. Agar Grove Farm, Port Credit, Ont.
 Aga, Mr. Dinsha M. Rose Cottage, Deolali, via Bombay, India
 Aga, Mr. Rustom Fredoon 5 Frere Road, Fort, Bombay, India
 Agar, Mr. C. J. 95 Macpherson Ave.
 Alexander, Miss Irene 114 Oakwood Ave.
 Alexander, Mrs. W. Murray 245 Bay St. S., Hamilton, Ont.
 Allan, Mrs. J. A. W. 1 Governor's Rd.
 Allan, Miss Mary 27 Hillcrest Ave., Hamilton, Ont.
 Allanson, Mr. H. E. 144 Evelyn Cres.
 Allcott, Mr. Geo. 83 Colborne St.
 Allen, Mr. Geo. 41 Wilton Ave., Welland, Ont.
 Allen, Mr. William 3 Bain Ave.
 Allen, Mrs. W. B. 612 Coxwell Ave.
 Ambrose Mr. H. S. 126 Aberdeen Ave., Hamilton
 Ames, Mr. N. F. 90 Dinnick Cres.
 Anderson, Mr. W. H. Barriefield, Ont.
 Anger, Mr. H. D. 297 Jedburgh Ave.
 Anger, Mrs. H. D. 297 Jedburgh Ave.
 Anguish, Mr. John 44 Lyndwood Ave., Simcoe, Ont.
 Appleton, Mr. F. F. 52 Rochester Ave.
 Archbold, Mr. E. 656 Annette St.
 Armstrong, Mrs. A. 376 Sumach St.
 Armstrong, Miss H. Box 414, Fergus, Ont.
 Armstrong, Mr. S. Bert 38 Wheeler Ave.
 Ashall, Mr. E. R. 84 Dawlish Ave.
 Ashfield, Mr. J. Westboro, Ont.
 Atkin, Mr. I. L. 68 Dennistoun St., Welland, Ont.
 Austin, Miss Adele H. 65 Oriole Road
 Bagshaw, Mrs. J. 4 Minton Place, Todmorden, Ont.
 Bailey, Miss Jean 431 King St. W.
 Bailey, Mrs. T. B. 14 Highland Ave.
 Bain, Mrs. J. W. 36 Forest Hill Road
 Baines, Miss Kathrine Port Hope
 Baker, Mrs. Geo. A. 44 Jackes Ave.

Baker, Mr. T. G.	57 Springmount Ave.
Baker, Mr. Wallace	Aylmer West, Ont.
Baldwin, Mr. R. W. Y.	Box 708, Paris, Ont.
Ball, Miss M. L.	104 Broadway
Ball, Dr. T. E.	Box 187, Harriston, Ont.
Ball, Mrs. W.	170 Kingston Road
Barbour, Mrs. D.	561 Clinton St.
Bardwell, Mr. Arthur	5 Shudell Ave.
Barlow, Miss Isobel	140 Hilton Ave.
Barnard, Mrs. Thos.	509½ St. Clarens Ave.
Barnes, Mrs. H. R.	Port Hope, Ont.
Barr, Mr. J. C.	18 Russett St.
Barr, Mrs. W. J.	99 Walmer Road
Barracough, Dr. W. W.	28 Chaplin Crescent
Barrett, Mr. Reg. C.	52 Third St., New Toronto, Ont.
Barratt, Mrs. S. A.	33 Bertmount Ave.
Bauckham, Mr. Chas.	28 High Park Blvd.
Beamish, Mr. W. J.	Hanover, Ont.
Beardmore, Mr. Geo. W.	136 Beverley St.
Beatty, Mrs. M. J.	Fergus, Ont.
Belinge, Mr. Alexandre	Box 4, Quebec, P.Q.
Belinge, Mrs. Horace	103 Cartier Ave., Quebec, P.Q.
Bell, Fred A.	2 Prince Albert St., St. Thomas
Bell, Mr. J. E.	Box 94, Milton, Ont.
Bennett, Dr. F. E.	17 Hincks St., St. Thomas, Ont.
Bennett, Mr. E. J.	1352 Bank of Hamilton Bldg.
Bertram, Mr. H. G.	Cross St., Dundas, Ont.
Bertram, Mrs. L. H.	R.R. No. 3, Brampton, Ont.
Bettridge, Mr. Joseph	113 Wineva Ave.
Bew, Mr. W. J.	52 Conway Ave.
Bish, Mr. James W.	34 Park Ave., Waterloo, Ont.
Bishop, Mr. A. C.	Young St., Elmvale, Ont.
Black, Mrs. M. M.	Springfield, Ont.
Blagg, Mrs. James	60 Laing St.
Blunn, Mr. James	Box 96, Pickering, Ont.
Booth, Mr. Joseph	75 Caledonia Ave.
Bow, Mrs. Wm.	367 Lauder Ave.
Bowen, Mr. John	Lansing, Ont.
Bowman, Mr. C. A.	579 Dundas St., London, Ont.
Bowman, Mrs. W. H.	329 St. Clair Ave. East
Bowsfield, Mr. J.	Box 176, Mount Forest, Ont.
Boyd, Mr. E. W.	67 Warren Rd.
Boyd, Mrs. M. M.	8 Spadina Road
Bradbury, Mr. R.	163 Franklin Ave.
Bradden, Mr. W. T.	10508 71st Ave., Edmonton, Alta.
Brader, Mr. W.	Grandview, Brantford, Ont.
Brayley, Mr. J. E.	113 Kendal Ave.
Brennan, Mrs. A. J. J.	66 Bugar St., Welland, Ont.
Brigham, Mr. E.	594-9th St. E., Owen Sound, Ont.
Brimacombe, Mr. W. H.	Box 187, Bowmanville, Ont.
Brimacombe, Mrs. J. H.	Box 187, Bowmanville, Ont.
Brock, Miss M. G.	42 Prince Arthur Ave.
Brown, Mr. Arthur R.	83 Atlas Ave.
Brown, Mrs. M. A.	83 Badgerow Ave.
Brown, Mr. W. A.	40 Russell Ave., St. Catharines, Ont.

Brown, Mrs. R. C.	65 Clarendon Ave.
Browne, Miss Annie J.	Scarboro, Ont.
Bryden, Mr. R. J.	Welland, Ont.
Buchanan, Mr. G.	10124 87th Ave., Edmonton, Alta.
Buck, Prof. F. E.	University of B.C., Vancouver
Bucke, Mr. William A.	30 Walmer Road
Buckingham, Mrs. Fred.	Box 16, Kincardine, Ont.
Buckingham, Mr. W. E.	Douglas St., Guelph, Ont.
Buffam, Mrs. F. V.	Thom St., Perth, Ont.
Burgess, Mrs. E.	2 Hanley Ave.
Burk, Mr. E. C.	24 Highview Cres.
Butt, Mr. H. A.	38 Simcoe St. N., Oshawa, Ont.
Butt, Mr. Leonard	367 Bartlett Ave.
Butterell, Mr. H. R.	310 Keele St.
Button, Mr. Henry	78 Avenue Road
Cahill, Mr. E. D.	65 Sun Life Bldg., 42-50 James St. S. Hamilton, Ont.
Caldwell, Mr. H.	323 Willard Ave.
Callow, Mrs. A.	54 Scollard St.
Callow, Mr. A.	54 Scollard St.
Calvert, Mrs. A. E.	125 Colin Ave.
Calvert, Mr. C. E.	34 Huntley St.
Cameron, Mrs. C.	16 Wiley St., St. Catharines, Ont.
Cameron, Mr. I. D.	St. Thomas, Ont.
Cameron, Mrs. I. H.	291 Sherbourne St.
Cameron, Mr. J. A. C.	102 Binscarth Road
Campbell, Mr. J. M.	Canadian Bank of Commerce, Dundas, Ont.
Canadian Horticultural Council	Ottawa, Ont.
Cardy, Mr. W. J.	9808 88th Ave., Edmonton, Alta.
Carlyle, Mrs. W.	38 Rushbrooke Ave.
Carruthers, Mrs. E. M.	505 Millwood Road
Carruthers, Miss Hilda	R.R. 1, Whitby, Ont.
Carson, Mr. H. L.	Box 251, Westboro, Ont.
Carswell, Mrs. F. G.	212 King St. E., Oshawa
Carter, Mr. J. E.	Box 89, Guelph, Ont.
Carter, Mrs. W. F.	213 Rosedale Heights Drive
Cassels, Miss A.	72 Clarendon Ave.
Cattanach, Mr. E. C.	68 Prince Arthur Ave.
Cave, Mr. J. J.	Beaverton, Ont.
Central Experimental Farm	Ottawa, Ont.
Chadwick Mr. Bryan	107 Howland Ave.
Chambers, Mr. C. E.	67 Lake Shore Blvd.
Clark, Miss Edith	44 Hampton Ave.
Clark, Mr. Geo. M.	226 St. George St.
Clark, Mr. H. A.	935 Woodbine Ave.
Clark, Mrs. Harold	44 Wilcox St.
Clark, Dr. J. B.	Aylmer West, Ont.
Clark, Mr. Jos. W. G.	44 Douglas Drive
Clark, Mrs. T. J.	68 Walmer Road
Clark, Rev. W. H.	Hilton, Ont.
Clarke, Mrs. Chas. E.	25 Bedford Rd.
Cleland, Miss E. E.	Meaford, Ont.
Cleverley, Mrs. A. C.	6 Valleyview Gardens
Cline, Mrs. John	Aylmer West, Ont.
Cluff, Mrs. A. F.	Seaforth, Ont.

✓ Coats, Mr. William.....	Goderich, Ont.
✓ Cogley, Mr. E. H.....	7 Phelps St., St. Catharines
✓ Cocker, Mrs. E.....	Port Arthur, Ont.
✓ Cohoe, Mrs. J. E.....	Welland, Ont.
✓ Coleman, Mrs. D. B.....	Welland, Ont.
✓ Coleman, Miss H.....	476 Huron St.
✓ Collins, Mr. E. F.....	74 Springhurst Ave.
✓ Colson, Mrs. A. E.....	165 St. Clements Ave.
✓ Connor, Mrs. A. W.....	106 Highlands Ave.
✓ Cooper, Mrs. Duncan.....	68 Rowanwood Ave.
✓ Cooper, Mrs. H. G.....	34 Cortland Ave.
✓ Cooper, Mrs. W. B.....	15 Avenue Road
✓ Cork, Miss Helen.....	5 Garnock Ave.
✓ Corlett, Mr. Wm.....	Norwich, Ont.
✓ Cornish, Mr. George A.....	95 Dinnick Crescent
✓ Coulson, Mr. Charles L.....	Welland, Ont.
✓ Cowper, Mr. A. K.....	199 Division St., Welland, Ont.
✓ Cox, Mrs. Alfred W.....	Box 295, Paris, Ont.
✓ Coyle, Mr. J. P.....	Aylmer West
✓ Cragg, Capt. C. J.....	297 Russell Hill Rd.
✓ Craig, Mr. John.....	"Donnybrook" Cottage, Snowden Ave.
✓ Craig, Mrs. Letitia.....	748 Woodbine Ave.
✓ Craig, Mrs. Wm.....	6 Drumsnab Road
✓ Craig, Mrs. W. H.....	622 Bathurst St.
✓ Cranston, Rev. R. A.....	29 Bald St., Welland, Ont.
✓ Crawford, Mrs. R. F.....	356 Kingswood Road
✓ Creber, Mr. George H.....	187 Scarborough Road
✓ Crockett, Mr. T.....	1315 Pape Ave.
✓ Cronkhite, Mrs. W. D.....	437 Concord Ave.
✓ Cronyn, Mr. Hume.....	580 Dundas St., London, Ont.
✓ Cruickshank, Mrs. C. A.....	32 Roslin Ave.
✓ Cruickshank, Mr. C. W.....	32 Roslin Ave.
✓ Cruickshank, Dr. F. D.....	Weston, Ont.
✓ Culver, Mr. Thomas.....	164 Caledonia Ave.
✓ Currell, Mrs. A. G.....	43 Harvie Ave.
✓ Curtis, Mr. W. A.....	Glenwood Farm, Lansing, Ont.
✓ Cutten, Mrs. Lionel.....	118 Forest Hill Road
✓ Daly, Mrs. Herbert.....	Napanee, Ont.
✓ Darby, Mr. E. H.....	373 North Main St., Welland, Ont.
✓ Davies, Miss Elsie.....	58 Terrace Hill St., Brantford, Ont.
✓ Davies, Dr. T. A.....	578 Sherbourne St.
✓ Davies, Mr. W. Rupert.....	138 Albert St., Kingston, Ont.
✓ Davis, Mrs. Andrew.....	Newmarket, Ont.
✓ Davis, Mr. Arthur M.....	51 Milton Ave., Stratford, Ont.
✓ Davis, Dr. H. J.....	Aylmer West, Ont.
✓ Daxon, Mr. James.....	594 Lauder Ave.
✓ Daykin, Mr. E. Brooke.....	St. Leonard's Crescent
✓ Deacon, Mrs. F. H.....	2 Elm Ave.
✓ Deacon, Col. F. H.....	2 Elm Ave.
✓ Dean, Mrs. E. Sterling.....	22 Mackenzie Ave.
✓ Dean, Mrs. M. E.....	561 Avenue Road
✓ Deans, Mr. James.....	7 Hanley Ave.
✓ Dempster, Mrs. T.....	230 Glenholme Ave.
✓ Denison, Miss M.....	55 Prince Arthur Ave

Devine, Dr. C. J.	Beaverton, Ont.
Dew, Mr. Chas. T.	R.R. No. 1, Eglinton, Ont.
Dickinson, Mr. H.	49 George St., St. Catharines, Ont.
Dickson, Mrs. W. G.	5 Redpath Ave.
Dilworth, Mr. R. J.	15 Wellington St. West
Dingman, Mr. R. G.	c-o Fraser, Dingman & Co., 304 Bay St.
Dixon Mr. R. W.	31 Sanford Ave.
Dobbin, Mr. M. L.	18 St. Hilda's Ave.
Doret, Mrs. A. M.	117 Deloraine Ave.
Douglas, Mr. Wm. M.	64 South Drive
Downey, Mr. A. H.	Box 367, Long Branch, Ont.
Duff, Mr. J. M.	7 Cluny Drive
Duggan, Mr. T. W.	Brampton, Ont.
Duke, Mr. Henry R.	Box 1, Walker's Point, Muskoka
Duncan, Mrs. E. J. B.	164 Glencairn Ave.
Duncan, Mr. E. J. B.	164 Glencairn Ave.
Duncan, Mrs. J.	Church St., Richmond Hill, Ont.
Dunlap, Mrs. D. A.	93 Highlands Ave.
Dunn, Mrs. C. E.	Box 11, Paris, Ont.
Durrant, Mr. W.	Box 380, Oakville, Ont.
Dyer, Miss Dorothy	726 Dovercourt Road
Dyer, Mrs. G. H.	726 Dovercourt Road
Dyer, Mr. W. D.	Columbus, Ont.
Dykes, Mr. Phillip	307 Lumsden Bldg.
Dyson, Mr. Hubert H.	Welland, Ont.
Eccles, Mr. Wm.	90 McGill St.
Eckhardt, Miss Jessie E.	305 Glenlake Ave.
Eddie, Mr. H. M.	Sardis, B.C.
Edgar, Mrs. Wm.	Port Hope, Ont.
Edwards, Mr. Thos.	1110 St. Clair Ave. West
Elliott, Mrs. W. J.	57 Walmer Road
Emerson, Mrs. Agnes	Box 454, Paris, Ont.
Ernst, Mrs. Henry Allan	New Hamburg, Ont.
Evans, Mr. H. E.	216 Strathmore Blvd.
Eves, Mr. W. H.	222 Montreal St., Kingston
Falkner, Mr. L. J.	154 King Edward Ave.
Falls, Mrs. Harvey S.	"Wendover," Simcoe, Ont.
Fanton, Mr. Fred. W.	670 Milverton Blvd.
Farrell, Mr. R. J.	48 Craig St., Ottawa
Ferguson, Mr. W. T.	85 John St., Smith Falls, Ont.
Ferrier, Mrs. F. N.	562 Dovercourt Road
Fice, Mr. C. E.	52 Lascelles Blvd.
Filby, Mr. C. A.	Aylmer West, Ont.
Fisk, Mr. H. J.	150 Beverley St.
Fisken, Mr. J. Kerr	60 Madison Ave.
Fitch, Mr. C. A.	70 Howland Ave.
Fleck, Mrs. A. W.	500 Wilbord St., Ottawa, Ont.
Fleming, Mr. Wm. G.	154 Sydenham St., London
Fletcher, Mr. A. Herbert	Bowmanville
Fletcher, Mr. A. T.	Temperance St., Bowmanville, Ont.
Forbes, Dr. A. W.	Room 106, 2 College St.
Forbes, Mrs. Geo. D.	Hespeler, Ont.
Foreman, Mr. O. J.	102 Hatherly Rd.

Forest, Mrs. R. F.	Port Hope, Ont.
Fortner, Miss Maud	Welland, Ont.
Foster, Mrs. C. A.	214 Russell Hill Road
Fountain, Mr. Wm.	79 Regal Road
Fox, Mr. Wm. Claud.	119 Glen Road
Fox, Mrs. Wm. Claud	119 Glen Road
Foxton, Mr. Robt.	75 Hiawatha Rd.
Foxton, Mr. T. C.	45 Hiawatha Rd.
Fraleigh, Dr. A. E.	St. Mary's, Ont.
Francis, Mrs. Lucy,	338 Roslyn Ave., Westmount, P.Q.
Fraser, Miss E.	82 Hillsdale Ave. West
Fraser, Mrs. W. Kaspar	95 Garfield Ave.
French, Mr. C. G.	7 Northcliffe Blvd.
Frizell, Miss M. E.	292 St. George St.
Frost, Mr. S. A.	284 College St.
Fuce, Mr. O. J.	242 Dufferin St.
Fuller, Mr. W. J., Dist. Engineer's Office, Department of Public Works.	Sault Ste. Marie, Ont.
Fursey, Mrs. Alfred	R.R. No. 2, Leamington, Ont.
Galbraith, Miss Marie	4 Aberdeen Club, Bain Ave.
Gamble, Mrs. Raynold	90 St. Joseph St.
Gardiner, Miss A.	177 Russell Ave., St. Catharines
Gausby, Dr. E. L.	118 Isabella St.
Gayman, Mrs. H. M.	Queenston St., St. Catharines
Gennings, Mr. Geo.	Thorold Road, Welland, Ont.
Ghent, Mrs. Percy P.	425 St. Clair Ave. E.
Gilchrist, Mr. Archibald	534 Runnymede Road
Giles, Mr. S.	10731 127th St., Edmonton, Alta.
Gillies, Mr. D. B.	41 Dinnick Crescent
Gillies, Miss Mary J.	Niagara-on-the-Lake, Ont.
Gilloch, Mr. G. M.	23 Huron St., Brantford, Ont.
Gilmore, Mrs. Thomas	171 St. George St.
Gilverson, Mr. W. E.	21 Roxboro Drive
Given, Mr. H. B.	381 Lansdowne Ave.
Given, Mrs. H. B.	381 Lansdowne Ave.
Gladstone, Mrs. T. J.	25 Olive Ave.
Godfrey, Mrs. J. M.	72 Lowther Ave.
Godson, Miss Ethel	80 Avenue Road
Godson, Mr. Lionel	80 Avenue Road
Goldsworthy, Mr. E. J.	60 Blackthorn Ave.
Goldsworthy, Mrs. E. J.	60 Blackthorn Ave.
Goodman, Mr. W. G.	434 North Main St., Welland, Ont.
Gordon, Mrs. J. F.	39 Burton St., Belleville, Ont.
Gow, Mrs. A. Alan	629 Windermere Ave.
Gowland, Mr. Wm. C.	140 Evelyn Crescent
Grafton, Miss E. M.	Dundas, Ont.
Grainger, Mr. E.	1360 Yonge St.
Grant, Mr. A. E.	Woodstock, Ont.
Gray, Mr. Henry	238 Keele St.
Gray, Mr. T. W.	62 Vansittart Ave., Woodstock, Ont.
Gray, Mrs. W. T.	High St., Port Credit, Ont.
Gray, Mr. W. T.	High St., Port Credit, Ont.
Green, Mrs. F. L.	Greenwood, Ont.
Green, Mr. F. L.	Greenwood, Ont.

Green, Mrs. W. E.	11 Baby Point
Greer, Mr. Robt.	88 Bellefair Ave.
Griffis, Miss N.	R.R. No. 2, St. Catharines, Ont.
Grose, Mr. Earle M.	9 Evelyn Crescent
Grover, Mr. J. I.	344 Bay St.
Guest, Mr. A. E.	60 Courcellette Road
Gundry, Mr. John T.	40 Barrington Ave.
Gurnett, Mr. G.	2 Samuelson St., Galt, Ont.
Hague, Mr. Thos.	Smith's Falls, Ont.
Hainsworth, Mrs. G.	8 Chesley Ave.
Hall, Mrs. E. C.	34 Melrose Ave.
Hall, Mr. J. S.	403 Soudan Ave.
Hall, Mr. R. A.	Meaford, Ont.
Hammond, Mr. C.	158 Russell Ave., St. Catharines, Ont.
Hancock, Mr. M. L.	188 Dundas St., Belleville, Ont.
Hannigan, Mr. T. J.	91 Quebec St. E., Guelph, Ont.
Hansman, Miss E. J.	Box 352, Port Hope, Ont.
Harcourt, Miss E.	179 Poplar Plains Road
Harcourt, Mr. R.	Welland, Ont.
Harcourt, Mr. R. M.	158 Blythwood Road
Harding, Prof. V. J.	451 Blythwood Road
Hardy, Mrs. E. A.	125 Duplex Ave.
Harkness, Mr. A. H.	185 Glencairn Ave.
Harling, Mr. R. Dawson	106 Springhurst Ave.
Harris, Miss A. M.	Public Library, Guelph, Ont.
Harris, Miss Rose B.	83 Grenville St.
Harris, Mrs. T. E.	Scarlett Road, Weston, Ont.
Harrison, Miss Mary L.	15 Macklenburgh St., St. John, N.B.
Harrison, Mr. W. N.	Confederation Life Assn., St. Mary's, Ont.
Harston, Mrs. W. A.	419 Palmerston Blvd.
Harstone, Mrs. L.	St. Mary's, Ont.
Hartry, Mr. R. J.	Beaverton, Ont.
Hartry, Mr. Wm.	Seaforth, Ont.
Harvey, Mr. J. S.	Exeter, Ont.
Hastings, Mr. G. W.	172 Keewatin Ave.
Hay, Mrs. Edward	43 Castle Frank Road
Hay, Miss	43 Castle Frank Road
Hay, Miss E.	34 Roselawn Ave.
Heap, Mr. Wm.	Wallaceburg, Ont.
Heath, Mr. S. B.	136 Imperial St.
Hedgcock, Mr. Henry	482 Roxton Road
Henderson, Miss Dorothy	33 Bloor St. East
Henderson, Miss E. M.	Dundas, Ont.
Henderson, Mrs. Joseph	155 Crescent Road
Henderson, Mrs. Percy	"Purbrook," Snowdon Ave.
Henderson, Mrs. T. B.	88 Spadina Road
Henniger, Mr. M. G.	Smith Falls
Hepburn, Mr. Thos.	Preston, Ont.
Heslop, Mr. J.	36 Batavia Ave.
Heslop, Mrs. J.	36 Batavia Ave.
Hesson, Mr. C. A.	St. Catharines
Heys, Mrs. A. E.	56 Hogarth Ave.
Hickman, Mr. Frank E.	10152 Christopher Columbus, "Ahuntsic," Montreal, P.Q.
High, Miss Irene	24 Wilcox St.

High, Miss M. B.	61 College St.
Higham, Mrs. H. C.	18 Lincoln Ave.
Higham, Mr. H. C.	18 Lincoln Ave.
Hill, Rev. Canon G. C.	Goderich
Hillary, Miss K.	90 Millwood Rd.
Hinman, Mr. H. R.	92 South Drive
Hodgson, Miss L.	18 Foxbar Rd.
Hoffman, Mr. H. B.	1646 Gerrard St. E.
Hogarth, Mrs. D. M.	110 Crescent Road
Hogg, Mr. K. W.	33 Wheeler Ave.
Holmes, Mr. G. L.	937 Woodbine Ave.
Holmes, Mr. M.	1175 St. Clair Ave. West
Hood, Mr. W. J.	Brampton, Ont.
Hooper, Mr. A. H.	80 St. Maurice St., Montreal
Hooper, Mr. Harry	548 Huron St.
Hopkins, Mr. J. W.	58 Hillholme Rd.
Hopwood, Mrs. Leonard	Bengal, Rio Buano, Jamaica, B.W.I.
Hornby, Mr. T. E.	145 East Main St., Welland, Ont.
Houston, Mr. T. R.	74 Heathdale Road
Hover, Mrs. I.	27 Huff St., Grandview P.O., Brantford, Ont.
Howard, Mrs. G. H.	Box 206, Dundas, Ont.
Howard, Mrs. R. M.	Box 521, Dundas, Ont.
Howard, Mrs. S. W.	27 Springhurst Ave.
Howat, Mrs. John	Thamesville, Ont.
Howell, Mr. M. H.	Box 127, Dartmouth, N.S.
Horrox, Mr. H.	38 Queensbury Ave.
Hubbert, Mrs. Barbara C.	118 Westminster Ave.
Hubbert, Miss Veronica	118 Westminster Ave.
Hughes, Mr. L. J.	61 Westmount Ave.
Hulbig, Mr. Frank M.	81 Roxborough Drive
Hull, Mr. Albert Ed.	24 Bingham Ave.
Humphries, Mr. W. H.	274 Boston Ave.
Hunter, Mr. Carl H.	59 Chestnut Park Road
Hurley, Mrs. E. C.	91 Rose Ave.
Hustwitt, Mr. F. W.	503 Windermere Ave.
Hutcheson, Mr. A. J.	56 Woodycrest Ave.
Hutchings, Mr. C. B.	Department of Entomology, Ottawa, Ont.
Hynes, Miss E.	43 Castle Frank Crescent
Ince, Mr. Jos.	11 Yeatman Road, Mt. Dennis, Ont.
Irvin, Mr. Chas.	115 Evelyn Crescent
Irving, Mr. George	66 Spadina Road
Irwin, Mrs. S. V.	Quebec St., Oshawa, Ont.
Ives, Miss Mabel	Strathroy, Ont.
Jack, Mr. Archibald	652 Balliol St.
Jackson, Mr. F. J.	159 Havelock St.
Jarvis, Mrs. Edgar	16 Elgin Ave.
Jarvis, Mr. E. M.	171 Spadina Road
Jeffrey, Mr. F. E.	104 Church St., Weston, Ont.
Jeffrey, Mr. H. G. S.	200 Church St., Weston, Ont.
Jennings, Mrs. A. C.	36 Pleasant Blvd.
Johns, Mrs. R. N.	86 Brock St., Oshawa, Ont.
Johns, Mr. R. N.	86 Brock St., Oshawa, Ont.
Johnson, Mr. C. H. B.	1273 Broadview Ave.

Johnson, Mrs. David.....	429 Palmerston Ave.
Johnston, Mrs. Alex. L.....	234 Indian Road
Johnston, Mrs. E. F. B.....	64 Bernard Ave.
Jones, Mr. Le Roy H.....	13 St. George's Place, Westmount, Que.
Jury, Mr. J. H. H.....	Bowmanville, Ont.
Kamm, Mrs. Wm. G.....	20 Frizzell Ave.
Kay, Mr. C. B.....	394 Kingswood Rd.
Kay, Mr. Ernest W.....	69 Balmoral Ave., S. Hamilton, Ont.
Keenan, Mr. J. E.....	235 West 10th St., Owen Sound
Keith, Mr. Gordon C.....	49 Turner Road
Kelley, Mrs. H. J.....	181 Grenadier Rd.
Kemp, Mr. Marsden.....	185 Collingwood St., Kingston, Ont.
Kennedy, Mrs. J. F. N.....	1 Avalon Blvd.
Kennedy, Mr. John R.....	United Drug Co., 68 Broadview Ave.
Kerr, R. D.....	8 Kitchener Ave., Fergus
Kilvingston, Mr. E.....	48 Imperial St.
Kincaid, Mr. V. F.....	14 William St., Brockville
King, Mr. Fred D.....	Aylmer West, Ont.
Kinnear, Mr. J. P.....	3 Harcourt Rd.
Kirk, Samuel.....	Box 673, Whitby, Ont.
Kitchen, Mr. Geo. I.....	1 Rochester St., Lawrence Park
Kneale, Mr. J. A.....	383 Sunnyside Ave.
Knox, Mr. W. A.....	Port Credit
Laidlaw, Mrs. J. D.....	126 Blake St., Barrie
Laidlaw, Mrs. Robt.....	50 Hogarth Ave.
Laidlaw, Mr. Robert.....	50 Hogarth Ave.
Laine, Miss Alice L.....	634 Manning Ave.
Laird, Mrs. Alexander.....	48 Cluny Ave.
Lamble, Mr. F. T.....	4 King St. E., Oshawa, Ont.
Langmuir, Miss W. D.....	288 Bloor St. West
Lautenschlager, Miss M.....	62 Courtland Ave. E., Kitchener
Law, Mrs. Chas.....	262 Roncesvalles Ave.
Law, Miss Maud.....	1215 Algoma Ave., Moose Jaw, Sask.
Lawrence, Mr. Wm.....	Weston, Ont.
Lay, Mr. H. M.....	Barrie, Ont.
Layritz, Mr. Richard.....	c-o Layritz Ltd., Victoria, B.C.
Leak, Mrs. A. H.....	38 Edgar Ave.
Lees, Mr. Geo. A.....	Norwich, Ont.
Lefroy, Miss Beatrice.....	120 Warren Road
Leitch, Mr. A. S.....	421 Russell Hill Road
Lennard, Mr. F. E.....	"Foxbar," Dundas, Ont.
Leonard, Col. R. W.....	75 Gate St., St. Catharines
Lillie, Mr. S.....	846 Palmerston Ave.
Lindsay, Mrs. A. N.....	109 King St., St. Catharines
Lindsay, Mrs. Martin.....	Elm St., Weston, Ont.
Lindsay, Mrs. Walter.....	280 Pacific Ave.
Ling, Mr. Leonard L.....	125 Boulton Ave.
Little, Miss Doris.....	25 McMaster Ave.
Little, Mrs. J. F.....	Martin St., Milton, Ont.
Little, Mr. Wm.....	Agincourt, Ont.
Logie, Mrs. W. H.....	377 Walmer Road
Long, Mrs. E. G.....	20 Old Forest Hill Rd.
Lossing, Mrs. F. E.....	Norwich, Ont.
Lough, Mr. Robt.....	314 Glenholme Ave.

Lucas, Mrs. R. A.	63 Duke St., Hamilton, Ont.
Ludwig, Mr. M. H., K.C.	320 Russell Hill Road
Lyon, Mr. J. W.	161 Queen St., Guelph, Ont.
Macabe, Mrs. T. J.	Glenwood Farm, Lansing, Ont.
MacArthur, Miss Olive	496 Montrose Ave.
Macdonald College	St. Anne de Bellevue, Que.
MacDonald, Mr. J. W.	129 Waterloo St., Kitchener, Ont.
Macdonald, Mr. W. B.	18 Heathdale Road
Macdonell, Mrs. A. MacLean	35 Prince Arthur Ave.
Macdonell, Miss Marie	1403 Dundas St. West
MacIlvrde, Mr. Robert	66 Hooker St., Welland, Ont.
Maciver, Mr. J. C.	Welland, Ont.
MacKay, Miss Ethel	14 Callendar St.
MacKenzie, Mrs. J. N.	299 Blythwood Road
Mackie, Miss Marion	44 Centre St., Oshawa, Ont.
MacLean, Mr. Donald	51 Leuty Ave.
MacLean, Mrs. J. B.	Wells Hill
MacLean, Dr. R. M.	Box 1212, Welland, Ont.
MacLeod, Dr. J. J. R.	45 Nanton Ave.
MacMurchy, Mrs. Angus	67 Chestnut Pard Rd.
MacMurchy, Miss Bessie	122 South Drive
Maccoomb, Mrs. H. W.	Welland, Ont.
Malcolmson, Mr. H. H.	68 Baby Point
Mallory, Miss Florence	Bloomfield, Ont.
Maltby, Mr. Robt.	29 Holmesdale Crescent
Mann, Mr. W. J.	Aylmer West, Ont.
Mansell, Mr. Wm.	70 Baby Point Road
Many, Mr. Albert	Welland, Ont.
Mara, Mr. John A.	1 McMaster Ave.
Mara, Mrs. W. H.	296 Russell Hill Rd.
Marlatt, Mr. Geo.	Aylmer West, Ont.
Marshall, Mr. E.	Gordon Bay, Muskoka
Martin, Mrs. C. W.	Box 124, Milton, Ont.
Mason, Mrs. Amos	Acton, Ont.
Mason, Mr. Geo.	Bowmanville, Ont.
Mason, Mr. Jas. J.	157 Water St., Stratford, Ont.
Mathews, Mrs. W. E.	Rockcliffe Park, Ottawa
Mathieson, Miss K.	33 Appleton Ave.
Matthews, Mr. C. A. G.	122 Dawlish Ave.
Matthews, Mr. E. W.	18 Benson Ave.
Matthews, Mr. H. W.	364 Lauder Ave.
Mawhinney, Mr. R. J.	87 Langford Ave.
Maxwell, Mr. D.	Box 192, St. Marys, Ont.
Maybee, Miss V. A.	Port Hope, Ont.
Maynard, Mr. A. H.	50 Gormley Ave.
Mear, Mr. C. E.	78 Lavinia Ave.
Melrose, Miss M.	424 Caroline, Windsor, Ont.
Meredith, Miss Helen R.	472 Dovercourt Road
Michener, Mr. N. G.	39 Shotwell St., Welland, Ont.
Middleton, Mr. F. H.	10 McMaster Ave.
Middleton, Dr. J. E.	383 Water St., Peterboro, Ont.
Miller, Mr. J. E.	386 Westmoreland Ave.
Miller, Mr. Robt.	27 Burnfield Ave.
Miller, Mrs. T. W.	604 Avenue Rd.

Milloy, Miss L. V.	371 Eglinton Ave.
Minns, Dr. F. S.	120 St. Clair Ave. West
Mitchell, Dr. J. P.	140 Walmer Rd.
Mockler, Miss Eva	181 Arlington Ave.
Moon, Mr. John	90 Regal Road
Moore, H. J.	Islington, Ont.
Moore, Mrs. H. W.	75 Fitch St., Welland, Ont.
Montgomery, Mrs. A.	374 Sumach St.
Morris, Miss Alice	11 Norwood Ave.
Morris, Mr. T. P.	Aylmer West, Ont.
Morrison, Mr. T. H.	11 Hanson Road
Morrow, Mrs. G. A.	104 Dunvegan Ave.
Morton, Mr. E. L.	28 Wellington St. E.
Morton, Mrs. F. G.	348 St. Clair W.
Morton, Mrs. Thos.	149 Glengrove Ave.
Mosley, Mr. H. M.	Fonthill, Ont.
Moynihan, Mr. Thos.	669 Millwood Road
Muffitt, Miss L.	95 London St.
Muffitt, Mrs. W.	95 London St.
Mulholland, Mr. F. A.	132 Blythwood Rd.
Munnings, Mrs. R. O.	128 Macdonald Ave., Belleville, Ont.
Murdock, Mrs. W.	York Haldimand Co.
Murray, Miss Edna	75 Sheldrake Blvd.
Murray, Dr. G. S.	758 Broadview Ave.
Murray, Mr. J. R.	Grain Growers Ltd., Winnipeg, Man.
Murray, Mr. W. G.	Bayview and Lawrence
Myhill, Mr. A. S.	Welland, Ont.
McAuley, Mrs. Thos. A.	8 Cluny Drive
McAuley, Mr. Thos. A.	8 Cluny Drive
McAuliffe, Miss Margaret	Welland, Ont.
McBrien, Mr. Robt.	800 Carlaw Ave.
McCallum, Mr. J. D.	Almonte, Ont.
McCallum, Mrs. Peter	Almonte, Ont.
McCarroll, Mr. T. A.	277 Glenholme Ave.
McClain, Mrs. R. Watson	29 Dunbar Road
McCombie, Mr. W.	87 Jackman Ave.
McCombs, Mr. Elgin E.	R.R. No. 5, Fenwick, Ont.
McConnell, Mr. A. W.	203 Hallam St.
McCorkell, Mrs. T. J.	Beaverton, Ont.
McCormack, Mr. George	383 Willard St., Ottawa
McCreedy, Mr. H. B.	430 Brunswick Ave.
McCreight, Mr. J. V.	85 McRoberts Ave.
McCurdy, Mrs. H. W.	126 Lawrence Crest, Lawrence Park
McDowell, Mrs. F. M.	9 Ferndale Ave.
McEwan, Miss E.	428 Kingswood Road
McFadden, Mr. S. A.	79 King St. West
McGregor, Mr. F. A.	561 Echo Drive, Ottawa, Ont.
McIlquham, Mrs. W. S.	Cross Roads Manor, Lanark, Ont.
McIntosh, Mr. J. E.	14 Delhi St., Guelph, Ont.
McKague, Mr. G. W.	34 Thorncliffe Ave.
McKee, Mrs. J. A.	53 Walmer Road
McLarty, Mr. A. R.	Summerland, B.C.
McLaughlin, Mrs. M.	77 Forest Hill Road
McLean, Mr. A. E.	78 Pinewood Ave.
McLeod, Mrs. John	Beaverton, Ont.

McMichael, Mrs. S. B.	44 Dinnick Cres.
McMulkin, Mrs. Frank	308 Spadina Rd.
McMurchie, Mr. J.	Clinton, Ont.
McMurray, Mr. L. S.	10 Chestnut Park Road
McMurray, Mr. Leonard	62 Maple Ave.
McMurrich, Mrs. Bryce	131 Imperial St.
McNaughton, Mr. Wm.	294 Grosvenor St., London
McNeill, Mr. W. J.	28 Front St. E.
McRea, Mr. F. M.	Beaverton, Ont.
McVitty, Mr. C. E.	23 Helena Ave.
Near, Mrs. Wallace	40 Hawthorne Ave.
Nettleton, Dr. J. M.	Penetang, Ont.
Newmaster, Mr. C. J.	75 Young St., Welland, Ont.
Newson, Mr. W. V.	11032 88th Ave., Edmonton, Alta.
Newton, Mr. B. G.	111 Keewatin Ave.
Niagara Brand Spray Co.	Burlington, Ont.
Nichols, Mr. Emerson	410 St. James St., London, Ont.
Nicholson, Mrs. James	130 Glen Road
Norton, Mr. Harry A.	Edgewater Farm, Ayer's Cliff, Que.
Nott, Mr. F. A.	214 Margueretta St.
Oakley, Mrs. John	Fergus, Ont.
Occomore, Mr. H.	Norfolk St., Guelph, Ont.
O'Farrell, Mr. J. E.	481 Palmerston Blvd.
Ogg, Mr. Wm.	52 Woodycrest Ave.
Ormiston, Mr. C.	35 Fraser Ave., Hamilton, Ont.
Orr, Dr. Dorothea	577 Dovercourt Road
Owen, Mrs. K.	107 Hillingdon Ave.
Palmer, Mrs. Wilma M.	c-o Doubleday, Page & Co., Garden City, N.Y.
Palin, Mr. Chas. S.	c-o Sun Life Assnce Co., 60 Victoria St.
Parkinson, Mr. A. E.	St. Mary's, Ont.
Parnell, Mr. J.	115 Roslin Ave.
Parrington, Mrs. Wm.	R.R. No. 3, Peterboro, Ont.
Paterson, Mrs. J. P.	50 Teddington Park
Patterson, Mr. A. B.	11 Bedford Road
Pearson, Mr. F.	497 Nairn Ave.
Peck, Miss Myrtle	267 Anne St., Belleville, Ont.
Pell, Mr. James	223 Havelock St.
Pemberton, Mr. G. C. T.	187 Sherwood Ave.
Peplow, Mr. Wm.	61 Merion St., Guelph, Ont.
Pequegnat, Mr. A. E.	c-o Mutual Life Assnce. Co., Waterloo, Ont.
Perron, Hon. J. L.	11 Place d'Armes Square, Montreal, P.Q.
Perry, Mr. C. W.	119 Northcliffe Blvd.
Perry, Mr. G. D.	183 Glen Rose Ave.
Perry, Mrs. Norman	8 Chestnut Park Rd.
Petry, Mr. W. F.	27 Rosehill Road
Pettigrew, Mr. J.	11 Sandford St., St. Lambert, P.Q.
Pickering, Mr. Wm.	Mt. Forest, Ont.
Pike, Mr. A.	9322 104th Ave., Edmonton, Alta.
Playfair, Mrs. S. B.	41 Rosedale Road
Playfair, Mr. S. B.	41 Rosedale Road
Porter, Mr. C.	10733 79th Ave., Edmonton, Alta.
Powell, Miss Marion	1013 DeKalb St., Norristown, Pa.
Pratt, Mrs. E.	353 Balliol St.

Pratt, Mr. Robt. A.	353 Balliol St.
Preston, Miss Isabella	Central Experimental Farm, Ottawa, Ont.
Price, Dr. F. D.	351 Sherbourne St.
Price, Col. W. H.	6 Ridout St.
Pridham, Mr. A. M. S.	Ithaca, N.Y., "Cornell University"
Pridham, Mrs. W. S.	226 Cottingham St.
Pridham, Mr. W. S.	226 Cottingham St.
Proctor, Mrs. S. M.	Beaverton, Ont.
Quinney, Mrs. A.	159 Boon Ave.
Ragen, Mr. H. J.	13 Hurndale Ave.
Raikes, Miss Christobel	"The Pleasaunce," Barrie, Ont.
Randall, Mr. T. J.	22 Edgewood Ave.
Rathbone, Mr. J. B.	18 MacKenzie Ave.
Rathbun, Mrs.	"Greenbank," Deseronto, Ont.
Ray, Mr. Malcolm	4 Wendigo Road
Reason, Mr. F. G.	509 Merton St.
Reeder, Mr. A. W.	88 Grenadier Road
Reeves, Mr. Frank A.	106 Coleridge Ave.
Reid, Mr. A. P.	51 Gothic Ave.
Reid, Mrs. G. A.	62 Wychwood Ave.
Reid, Mr. W. C.	179 Dundas St., Belleville, Ont.
Reive, Mrs. H. S.	Markham, Ont.
Rennie, Mrs. Frank	Cor. Scott and Victoria, Walkerton, Ont.
Richardson, Mr. J.	222 Victor Ave.
Richardson, Mr. O. C.	308 Golf St., Oshawa, Ont.
Riggs, Mrs. F. L.	115 St. Clements Ave.
Rigney, Mr. T. J.	169 King St., Kingston, Ont.
Riley, Mr. Thos.	62 Aileen, Silverthorn
Ritchey, Mrs. J. Ross	41 Teddington Park
Ritchie, Mr. Norman	Beaverton, Ont.
Roberts, Mr. A. G.	70 Broadway
Robertson, Miss Marion	Walkerton, Ont.
Robinson, Mr. Alfred	319 Sunnyside Ave.
Robinson, Mr. J. Beverley	37 Heathdale Road
Robinson, Mr. J. E.	144 Eastwood Road
Robson, Miss J. M.	45 Dundonald St.
Rodick, Miss Helen M.	5 Marchmount Road
Rodgers, Mr. A. H.	23 Toronto St.
Rolph, Mr. H. M.	Markham, Ont.
Rolph, Mrs. John H.	229 North Main St., Welland, Ont.
Rooney, Mrs. H. E.	545 Broadview Ave.
Root, Mr. Wm.	40 Pine St., Brockville
Rose, Hon. Mr. Justice	86 Roxboro East
Rose, Mrs. Hugh A.	Welland, Ont.
Rosebrugh, Mr. Oscar	37 Lincoln Ave., Galt, Ont.
Ross, Mr. James	45 Dynevor Rd.
Ross, Mrs. R. D.	93 Forest Hill Road
Ross, Mrs. W. D.	112 St. George St.
Roulston, Dr. G. F.	Exeter, Ont.
Rowand, Mrs. Elmer	Walkerton, Ont.
Rowe, Miss E. J.	92 Bethune St., Brockville, Ont.
Rowland, Miss Ella M.	19 Isabel St., Belleville, Ont.
Ruddy, Mr. E. L.	84 Roxborough Drive

Ryan, Mrs. W. A.	137 Balmoral Ave
Ryrie, Mrs. Harry	18 Clarendon Ave
Ryrie, Mr. H.	Oakville, Ont
Sadowski, Mr. B.	19 Harper Ave.
Sale, Mr. R. A.	193 Leslie St.
Sampson, Mrs. T. N.	117 Rusholme Road
Sampson, Mr. T. N.	117 Rusholme Road
Sanders, Mr. Paul B.	Ontario Agricultural College, Guelph, Ont.
Sanderson, Mr. W. G.	22 Norton Ave.
Saunders, Mrs. E.	65 Chestnut Park Rd.
Sayers, Mr. N. E.	76 Centre St., Stratford, Ont.
Sayles, Mr. E. R.	"The Mercury," Renfrew, Ont.
Scandrett, Mr. H. B.	64 Bernard Ave.
Scoon, Mrs. W. G.	16 Chester Hill Road
Scott, Rev. Dr. A. H.	Perth, Ont.
Scott, Mr. C. D.	196 Cowan Ave.
Scott, Mrs. C. D.	58 Harper Ave.
Scott, Mr. G. A.	67 Balmoral Ave.
Scott, Mrs. James	4 Dale Ave.
Scott, Mr. J. G.	29 Dunvegan Road
Scott, Mrs. J. H.	86 Wilson Ave.
Scott, Miss Letha	Box 163, Napanee, Ont.
Sears, Mr. H. T.	574 Danforth Ave.
Selwood, Mr. Archibald	371 Arbutus St., Vancouver, B.C.
Shaw, Miss C.	54 Oakwood Ave.
Shaw, Miss C. S.	5A Thorncliffe Ave.
Shaw, Mr. H. A.	117 Glengrove Ave.
Shearer, Mr. H. F.	73 Queen St., Welland, Ont.
Sheridan, Mrs. C. W.	91 Lyall Ave.
Sherring, Mr. John B.	320 Durie St.
Shewring, Mr. Frederick J.	362 Blackthorn Ave.
Shortt, Mrs. C. A.	52 Rosemount Ave.
Shulver, Mrs. C.	914 Carlaw Ave.
Sibley, Mr. L. P.	Governor's Road, Dundas, Ont.
Sierolawski, Mr. B.	654 Bronson Ave., Ottawa, Ont.
Sim, Mr. Jas.	581 Northcliffe Blvd.
Sims, Mrs. A. B.	Box 134, Abernethy, Sask.
Simpson, Mr. Frank R.	96 Gloucester St.
Simpson, Mr. George	Clemow Ave., Ottawa
Simpson, Mr. W. W.	143 Cambridge St., Guelph, Ont.
Sinclair, Dr. C. W.	Aylmer, West, Ont.
Sisson, Mr. J. N.	Algoma East Railway, Little Current, Ont.
Slight, Mr. Thomas	27 Garnock Ave.
Small, Mr. Frank	c-o Steele Briggs Seed Co., Ltd.
Small, Mrs. Sidney	20 Adelaide St. E., Toronto
Smeaton, Mr. Wm.	Grimsby, Ont.
Smith, Mr. A. L.	131 Aqueduct St., Welland, Ont.
Smith, Mrs. A. L.	131 Aqueduct St., Welland, Ont.
Smith, Mr. Harley V.	165 Colbeck Ave.
Smith, Mrs. Helen H.	274 Armadale Ave.
Smith, Mrs. J. M.	Beaverton, Ont.
Smith, Miss Laeta J.	Meaford, Ont.
Smith, Dr. M. A. B.	64 Queen St., Dartmouth, N.S.
Smith, Mrs. Robt.	399 Brunswick Ave.

LIST OF MEMBERS

91

Smith, Mr. W. E.	79 Gormley Ave.
Somerville, Miss B.	99 Tyndall Ave.
Sommerville, Mr. Norman	1 St. Edmonds Drive
Southam, Mrs. F. M.	62 Laing St.
Soward, Mrs. V. E.	236 High St.
Soward, Mr. V. E.	236 High St.
Sowards, Mr. J. F.	Ontario St., Kingston
Spall, Mr. Chas.	48 Rutland Ave.
Speakman, Mrs. F.	69 Carrick Ave.
Spencer, Mr. J. B.	154 Carling Ave., Ottawa, Ont.
Spencer, Mrs. L. B.	60 Merritt St. W., Welland, Ont.
Spotton, Mr. H. B.	36 Aberdeen Road, Galt, Ont.
Sproatt, Mrs. C. B.	252 Heath St. East
Sprott, Mr. A. F.	167 Glen Rd.
Squair, Mrs. J.	368 Palmerston Blvd.
Staples, Mr. Owen	69 Hogarth Ave.
Starr, Mrs. Clarence	185 Teddington Park Ave.
Starr, Mrs. F. N. G.	112 Warren Road
Staunton, Mr. T. M.	Lake Shore Blvd., New Toronto
Staunton, Mrs. T. M.	Lake Shore Blvd., New Toronto
Staunton, Miss Annie	93 Roxboro East
Staunton, Mrs. A. Lynch	Mountain Brow, Hamilton
Stephens, Mrs. S. T.	Glencairn, Ont.
Stephenson, Mr. O. E.	60 Leuty Ave.
Stevens, Mrs. Mary	70 Ivy Ave.
Stevenson, Mr. D. R.	226 Ranleigh Ave.
Stewart, Miss Belle	14 Colin Ave.
Stewart, Mrs. D. M.	Barrie, Ont.
Stewart, Mr. Fred H.	10 Springhurst Ave.
Stewart, Miss Jean	586 Huron St.
Stewart, Mr. J. M.	47 Jesmond St.
Stiles, Mrs. H. E.	226 Dunvegan Road
Stiles, Mr. H. W.	11150 89th Ave., Edmonton, Alta.
Stirling, Mr. John	283 Davisville Ave.
Stone, Miss Ada E.	661 Euclid Ave.
Stonham, Mr. E.	1004 Pemberton Road, Victoria, B.C.
Storms, Dr. Douglas G.	82 Stanley Ave., Hamilton, Ont.
Strachan, Mr. James	64 Wellington St. West
Strathy, Mrs. Mary	10 Beaufort Road
Strudley, Mr. H. W.	186 Mornington Rd., Stratford, Ont.
Stuart, Mr. Wm. G., c-o Jas. Stuart & Sons, 308 St. Nicholas Bldg.,	
	Montreal, Que.
Sutcliffe, Mr. F. W.	Lindsay, Ont.
Sutherland, Mr. B. J.	59 Deloraine Ave.
Sutton, Miss M. R.	73 Richmond St. West
Swaine, Dr. J. M.	Westboro, Ont.
Sweeting, Mr. Alfred	1537 Dufferin St.
Switzer, Mr. Wm.	564 Greenwood Ave.
Symington, Mrs. C.	41 Chaplin Crescent
Symington, Mr. T. S.	41 Chaplin Crescent
Tate, Mr. David	88 Hilton Ave.
Taylor, Mrs. T. A.	Box 467, Dundas, Ont.
Tebbs, Rev. G. W.	Burlington, Ont.
Teepie, Miss Myrtle	Box 505, Aylmer West, Ont.

Telford, Mr. R.	32 Macdonald Ave., Mimico, Ont.
Templeton, Mrs. Gilbert	24 Ivor Road, Donwoods Drive
Templin, Mr. H. C.	Fergus, Ont.
Teskey, Mr. F. C.	183 Glenholme Ave.
Thompson, Miss E.	2062 Danforth Ave.
Thompson, Mr. Edgar J.	134 Duvernay Ave.
Thomson, Mr. R. M.	689 Windermere Ave.
Thomson, Mrs. W.	2 Winston Ave.
Thurston, Mrs. M. D.	30 N. Sherbourne St.
Ticher, Mr. L.	Room 408, St. Nicholas Bldg., Montreal, Que.
Tillman, Mr. A. G.	O.A. College, Guelph, Ont.
Tisdale, Mr. E. C. H.	Beaverton, Ont.
Tomlinson, Prof. A. H.	O.A. College, Guelph, Ont.
Towner, Mr. Geo.	2140 Gerrard St. East
Trainor, Mrs. S. B.	4 Shorncliffe Ave.
Trimble, Mrs. Clara F.	Norwich, Ont.
Trumbull, Lt.-Col. W. R.	Dundas, Ont.
Tuff, Mr. John H.	Aylmer West, Ont.
Tuller, Miss Jean	85 Chaplin Crescent
Turnbull, Mr. J. W.	St. Mary's, Ont.
Tweddell, Mr. Arthur	49 St. Leonard's Ave.
Tyrrell, Mrs. H. V.	221 Dunvegan Road
Tyrrell, Mrs. J. B.	14 Walmer Road
Urquhart, Mrs. W. Hector	2nd Ave. East, Owen Sound, Ont.
Ussher, Col. J. F. H.	223 Blythwood Road
Urstadt, Mr. F. S.	21 Wellington St., Kitchener, Ont.
Vanson, Mr. T. C.	283 Simcoe St., S. Oshawa, Ont.
Vanstone, Mr. C. R.	199 Indian Rd.
Varley, Mrs. Harry	146 Yeomans St., Belleville, Ont.
Vaughan, Mrs. George	869a Bathurst St.
Vaughan, Mrs. M.	24 Merritt St., Welland, Ont.
Veale, Mrs. Geo.	Beaverton, Ont.
Wadsworth, Mr. W. R.	9 Castle Frank Road
Wagg, Mrs. E.	Mount Albert, Ont.
Waldie, Miss Marion	6 Oriole Road
Walker, Mrs. Fred	Norwich, Ont.
Walker, Mr. W. R.	43 Surrey St., W. Guelph, Ont.
Walker, Mr. Wilfred	Fort William, Ont.
Wallace, Mrs. C.	Highland Creek, Ont.
Wallace, Mrs. M. W.	91 Walmer Rd.
Wallbridge, Miss J. A.	480 Brunswick Ave.
Walls, Mrs. D.	Beaverton, Ont.
Walsh, Mr. John R.	48 Inglewood Drive
Walsh, Mr. J. W. B.	88 Lowther Ave.
Walsh, Mr. R. T.	Orms town, Ont.
Ward, Mrs. L. S.	12 Callendar St.
Ward, Mr. L. S.	12 Callendar St.
Warner, Mrs. Geo. C.	5th St., New Toronto
Warwick, Mrs. C. E.	303 Kendal Ave.
Watkin, Mr. Wm.	58 Ascot Ave.
Watson, Mr. Ford	179 Glenholme Ave.
Wayling, Mrs. J.	321 Beresford Ave.
Weavers, Mr. J.	R.R. No. 1, Eglinton, Ont.

Webb, Mr. Louis.....	172 Kingston Road
Webb, Mr. W. E.....	9516 81st Ave., Edmonton, Alta.
Webster, Mr. A. J.....	365 Lauder Ave.
Webster, Mrs. A. J.....	365 Lauder Ave.
Webster, Miss H. A.....	229 Margueretta St.
Webster, Dr. T. S.....	582 Spadina Ave.
Weganest, Mr. F. W.....	1312 Bank of Hamilton Bldg.
Wellington & Davidson.....	Fonthill, Ont.
West, Mrs. H. W.....	943 Cumberland Ave., Hamilton, Ont.
West, Miss M. E.....	2 Hogarth Ave.
Westaway, Miss G.....	Port Hope, Ont.
Westren, Mr. J.....	Queen and Booth Ave.
Westover, Miss Inez.....	R.R. No. 1, Dunboyne, Ont.
Wheeler, Mr. Geo.....	10617 17th Ave., Edmonton, Alta.
White, Miss G. C. M.....	Mail & Empire Bldg., King and Bay Sts.
Whiteley, Mrs. J.....	189 Glebeholme Ave.
Whittington, Mr. R.....	36 Walmsley Blvd.
Whytock, Mr. P. L.....	Eaton Hall Farm, Eversley, Ont.
Wickham, Mr. M. E.....	72 Sherwood Ave.
Wilby, Miss Olive.....	83 Rose Ave.
Wilkinson, Mr. E. H.....	89 Woodlawn Ave. West
Williams, Mr. A. S.....	163 Fifth Ave., Ottawa
Williams, Mr. Geo. J.....	Nat. Live Stock Records, Ottawa
Williamson, Mrs. S.....	574 Lauder Ave.
Williamson, Mr. S.....	574 Lauder Ave.
Willis, Mrs. R. R.....	110 Oakwood Ave.
Willison, Lady.....	10 Elmsley Place
Willson, Mrs. C. H.....	8 Beaumont Road
Wilmot, Mr. Theo. N.....	Box 138, Orillia, Ont.
Wilson, Mrs. A. E.....	89 Binscarth Rd.
Wilson, Mrs. J. Lockie.....	582 Huron St.
Wilson, Mr. M. J.....	191 Spadina Road
Wilson, Mrs. Turner.....	7 Rowanwood Ave.
Winter, Miss E. H.....	103 Delaware Ave.
Winter, Mr. L. A.....	134 Stibbard Ave.
Winter, Mrs. L. A.....	134 Stibbard Ave.
Woods, Mrs. W. B.....	69 Alcina Ave.
Woodward, Miss F. M.....	25 Erie Ave., London, Ont.
Wright, Mr. Herbert.....	34 Bracken Ave.
Wright, Miss M.....	29 Grosvenor St.
Wright, Mr. Norman S.....	70 Lombard St.
Yates, Miss Mary.....	Meadowvale, Ont.
Young, Mr. E. M.....	Picton, Ont.
Young, Miss Hester.....	524 Euclid Ave.
Young, Mr. John.....	Box 97, Welland, Ont.
Zimmerman, Mr. Adrian.....	281 Oxford St., London, Ont.
Ziegler, Dr. O. H.....	22 College St.

Donations to the Prize Fund

Received to date, March 22nd, 1928

Mr. G. G. Adam.....	\$ 5.00
Miss H. L. Beardmore.....	5.00
Dale Estate, Limited.....	10.00
Lady Eaton.....	25.00
Sir Joseph Flavelle.....	10.00
Mr. A. D. Heward.....	25.00
Mr. J. B. Holden.....	5.00
Sir Edward Kemp.....	10.00
Mr. S. B. McMichael.....	5.00
Major A. C. Snively.....	10.00
Mr. A. J. Webster.....	5.00
Mr. E. R. Wood.....	25.00
Mr. R. S. McLaughlin.....	25.00
Sheridan Nurseries.....	10.00
	<hr/>
	\$175.00

SCORE CARD

Used by Judges in Decorative Classes at the Rose Show

1. Freshness of bloom.....	15 pts.
2. Naturalness.....	20 "
3. Grace and beauty of line.....	20 "
4. Simplicity.....	30 "
5. Color schemes.....	15 "
	<hr/>
Total.....	100 "

Clippings

Rose specialists are a keen body, but they are very human, and as such liable to errors. The amateur Rose grower goes to a Rose show to select his Roses, and with pencil in hand makes notes of those which appeal to him. To do so is quite natural, but the fact remains that he misses some of the best, while not all those which he liked would be grown again by him. Strange to say, the commercial Rose specialist does the same thing even if in a different way. He is attracted by the gold medal award, even if he is more critical than the amateur.

Judges at a Rose show have to point a novelty as shown, whereas how a Rose behaves throughout the season is more important. Possibly some of our most beautiful actresses do not look so charming 'the morning after the night before.' Added to the fact that the amateur (excepting the minority who exhibit) ultimately judges a Rose as seen growing, it is always the fault of the judges when a gold medal variety does not come up to expectations.

A reverse side of the picture from the amateur's point of view are the Roses which do not figure at the Rose shows—there are lots of them. Madame Abel Chatenay, one of the most popular of Roses for the past generation, may be taken as an example. It took many years to become known, and ever since it has become popular and trade growers began to exhibit it, somehow it has never looked well at the shows. Yet this was one of our best garden Roses for many years. Trade growers no doubt do well to attend a Rose show. It matters less what trade growers think of a variety than what the public thinks, and it is at a Rose show that one can judge public opinion."—(From the Nurseryman and Seedsman.)

"The majority of roses with the Pernetiana blood vary according to the wood on which they are grown. Take that fine variety Wm. Kordes as an example (although this is classed as an H.T.), the majority of the first crop of flowers on a cutback, that is the flowers produced on the old hard wood, come pink, or at least with pink as the predominant shade among others. The second crop of flowers produced on wood of the current season's growth come a much finer colour, with copper and orange as the predominant shade. The third crop is equally fine. In fact, this Rose combines colour, size, form, fragrance with free flowering habit to a high degree, it is a Rose of the first order, which may be classed with many others that are not promising when inspected during their first crop of flower. It is this type which the public likes, for it makes an excellent cutback; it is the type which may be classed as among the nurseryman's friends, for such Roses improve with age and produce their finest flowers on old bushes, always proving themselves those silent salesmen."—(By A. Porgola.)

ROSES THAT ARE PERPETUAL BLOOMERS

Although late June and July is the time when the rose garden is at its best, there are now a large number of varieties that bloom all season and during early autumn are nearly as effective as in summer.

HYBRID PERPETUALS:

Alfred Colomb
Frau Karl Druschki
Hugh Dickson
Mrs. John Laing
Ulrich Brunner
Victor Verdier

HYBRID RUGOSAS—*Con.*

Conrad F. Meyer
F. J. Grootendorst
Mme. Georges Bruant
Mrs. Anthony Waterer
Souvenir de Philemon Cochet

HYBRID RUGOSAS:

Blanc double de Coubert
Carmen

HYBRID TEAS

PERNETIANAS

POLYANTHA POMPONS

ROSES FOR THE PRAIRIES

The following list of varieties of roses most useful for the Prairie Provinces of Canada has been prepared by Mr. W. R. Leslie, Superintendent, Experimental Station, Morden, Man., who has also prepared the list of Hybrid Perpetual and Hybrid Tea Roses, which have proven fairly hardy at Morden in a three-years' trial:—

HARDIEST VARIETIES

Banshee

Hansa

Stanwells Perpetual

Tetonkaha

F. J. Grootendorst

Pink Grootendorst

Rosa Hugonis

Rosa rugosa

Rosa rugosa, Kamchatka form

Persian Yellow

Harison Yellow or Scotch Yellow

Rosa Blanda hybrid (Skinner), recently named "Betty Bland"

Rosa Polyantha hybrid (Skinner)

Mme. Plantier

Mme. Blanc double de Coubert

Belle Poitevine

Conrad F. Meyer

Rosa Spinosissima

Agnes Emily Carman

Mme. Georges Bruant

Amelia Gravereaux

Rugosa hybrids

HYBRID PERPETUAL AND HYBRID TEA ROSES WHICH HAVE PROVEN FAIRLY HARDY AT MORDEN IN A 3 YEARS' TRIAL

Capt. Hayward

Capt. Christy

Mrs. John Laing

Gen. Jacqueminot

Gloire de Chedane-Guinoisseau

Alfred Colomb

Gruss an Teplitz

Hugh Dickson

Mme. Edouard Herriot

Mme. Caroline Testout

Baroness Rothschild

Duke of Edinburgh

Agnes

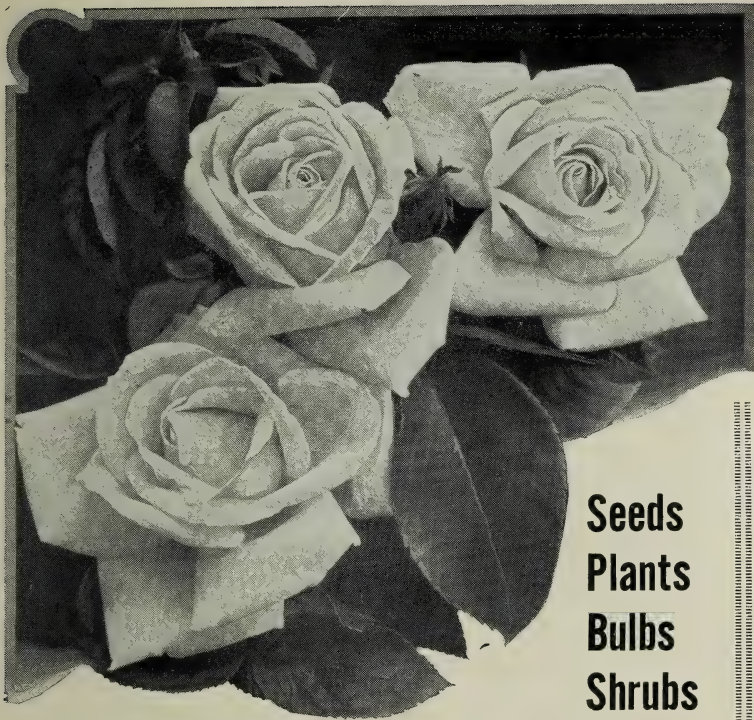
Wm. Lobb (Moss)

Jules Margottin

Magna Charta

Several varieties of hybrid Sweet Briars have been tested, but kill back very badly.

(Lists taken from Bulletin No. 17, Dept. of Agriculture.)



**Seeds
Plants
Bulbs
Shrubs**

Specializing in
BEECHCROFT DAHLIAS
MERRYWEATHER ROSES
CANADIAN GROWN GLADIOLI
LAWN GRASS AND SUNDRIES

All fully described and illustrated in our
1928 Catalogue, it is sent free on application
Tells about the best varieties to grow.

Send for your copy now.

STEELE, BRIGGS SEED CO., Limited

HAMILTON

TORONTO

WINNIPEG

REGINA

"These advertisers want our business. Show them preference in buying."



The Old Reliable
**FONTHILL
NURSERIES**

Headquarters for Fruit
and Ornamental Stock
**CANADIAN
GROWN**

*Send for
Fruit and Ornamental
Booklets*

Stone & Wellington

Phone ELGIN 7016
TORONTO 2

Ontario Agricultural College

GUELPH, ONTARIO

Announce

A SPECIAL SHORT COURSE

in

“Ornamental Horticulture”

June 4th to 16th, 1928

Featuring Practice in Exhibiting and Judging

Course Free

J. B. REYNOLDS, M.A., LL.D., President
LIONEL STEVENSON, B.S.A., M.S., Director of Extension
A. M. PORTER, B.S.A., Registrar

“These advertisers want our business. Show them preference in buying.”



We have Large Stocks of the Choicest Varieties of

Hardy Hybrid Tea Roses

Climbing Roses

Tree shaped Roses

Hedge or Dwarf Baby Roses

Exhibition Gladioli

Decorative, Cactus and Pæony Dahlias

Hardy Shrubs and Vines

Perennials and Bedding Plants

Our Catalogue also supplies full information on latest

Garden Tools

Fertilizers

Insecticides

Cultivating Tools

Phone or call for a copy of Rennie's New Seed Annual.

ELGIN 9381

Wm. Rennie Co. Limited

KING AND MARKET STREETS TORONTO

"These advertisers want our business. Show them preference in buying."

FERTILIZERS

Increase your Profits

To get best results, however, the best materials must be scientifically blended and thoroughly cured.

We Prepare Special Mixtures

for Grain, Root and Vegetable Crops
also for Gardens, Lawns and
Shrubbery.

*FULL INFORMATION
GLADLY FURNISHED
ON REQUEST*

Ontario Fertilizers, Ltd.

West Toronto, Canada

"ASK THE MAN WHO USES THEM"

"These advertisers want our business. Show them preference in buying."



*Rose
Lady Ashdown
flowering in our
Highway Garden*

Canadian Field Grown Roses

Budded at our own Nursery

Send for Illustrated Catalogue of

Evergreens, Trees, Shrubs
Roses, Perennials, Alpines

The **SHERIDAN NURSERIES**

Limited

Head Office: 4 ST. THOMAS ST. TORONTO 5.

Nursery Farms: 260 acres. CLARKSON, ONT.

"These advertisers want our business. Show them preference in buying."

Ontario Grown Roses

Our climate requires hardy, sturdy, hard-wooded Rose bushes. The Ontario-grown Roses meet all the requirements. Ours are budded on hardy understocks and grown in our Nurseries at Winona. Our testing grounds include practically all the Gold Medal Roses and the latest introductions and novelties.

There is not a new Rose of real merit that we do not import for testing; nor one that stands the test of Ontario conditions, that we do not propagate; and not a rose-bush that we grow, that is sent to a purchaser until it has bloomed in our Nursery rows. For delivery Fall 1928 and Spring 1929, we have nearly 300 varieties of Roses including the best old ones and the most promising new ones, and of our own growing right here at Winona, Ontario.

And Rose-growing is just one of our specialties. Our complete assortment of hardy Trees and Plants, Canadian grown for Canadian gardens, is described in detail in our 100 page Catalogue.

E. D. Smith & Sons, Limited
Winona, Ontario

Established 1882

Forty-seventh Year

"These advertisers want our business. Show them preference in buying."

DUST YOUR ROSES AND FLOWERS



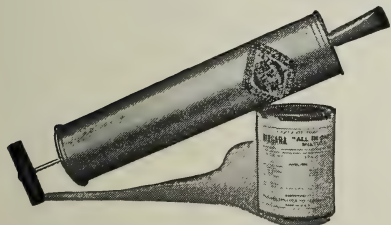
The Niagara Hand Duster and Niagara Dust

Keeps them blooming and healthy—controls sucking and chewing insects — prevents mildew and leaf spot—convenient, efficient. The NIAGARA method is easier, surer, cheaper.

No mussing of adjoining trellis.

No soiling of hands or clothes.

NIAGARA makes the home garden beautiful.



Niagara Hand Duster

*TRY NIAGARA
THIS YEAR*

Descriptive Folder and Prices
on request.

**NIAGARA BRAND
SPRAY CO., LTD.**

BURLINGTON, ONT.

"These advertisers want our business. Show them preference in buying."

Merryweather's

ROSES

*Have a
World-wide
Reputation*

*We shall
be glad of
your enquiries*

For the Garden

For Exhibition

*Strong and
Sturdy always
they defy
Competition*

*We have
Roses to suit
all localities
and positions*

For Beds

For Everywhere

GUARANTEED BRITISH GROWN

ALSO

Fruit Trees and Shrubs

Send for Catalogue, full of interesting information

Nurseries

SOUTHWELL, ENGLAND

Distributed in Canada by

SEELY B. BRUSH

32 LOWTHER AVENUE

TORONTO

Telephone KI 5384

"These advertisers want our business. Show them preference in buying."



A Guest Room for Summer

Have a guest room for Summer. Flood your home with her silent glory. Brighten each day of the year with her smiles.

A Lord & Burnham Glass Garden is summer's retreat. A spot the hand of Winter cannot touch. Fashioned by sincere craftsmen, it accentuates the architectural beauty of your home. From it you get the charm and perfume of budding flowers.

For you who would make summer a year-round guest, we have prepared an illustrated booklet on glass gardens. We feel sure that our exquisite yet inexpensive little "Dream Garden" will interest you. There is no charge for this interesting booklet. Let us send it to you.

Lord & Burnham Co. Limited

Builders of Greenhouses and Makers of Boilers

MAIN SALES OFFICE:
HARBOUR COMMISSION BUILDING, TORONTO, ONTARIO

Eastern Sales Office: 920 Castle Building, Montreal, Que.

Head Office and Factory: St. Catharines, Ont.

"These advertisers want our business. Show them preference in buying."

Aikenhead's

Canadian Distributors:

IDEAL POWER LAWN MOWERS



SIMPLE, long lived power mowers with built-in rollers
—unequalled as labor savers and lawn builders. Roll
as they cut, keeping lawns level and healthy.

Aikenhead Hardware Limited
Temperance Street Toronto 2

TO OUR MEMBERS

IN making your purchases this Spring
and Summer consult our advertising
pages. All things being equal, you
should patronize these advertisers, they
are supporting us. At all times please
mention THE ROSE ANNUAL.

"These advertisers want our business. Show them preference in buying."



Import Your Dutch Blooms DIRECT

from
VAN'T HOF & BLOKKER
Limmen, Holland
Established 1868

FALL IMPORTATIONS
Tulips, Hyacinths, Lilies,
Peonies, Etc.

SPRING IMPORTATIONS
Roses, Gladioli, Dahlias,
Begonias, Etc.

Catalogue and booklet on
bulb growing free on request.
Also U.S. edition for your
American friends.

Representatives for Canada
and United States

S. B. McCREADY
430B Brunswick Ave.
Toronto 4

Alpine and Rock Garden Plants

Canada's Largest Collection

**RARE PLANTS, SHRUBS
and TREES**

*Catalogue now ready
ASK FOR IT*

We also grow Roses

ROCKHOME GARDENS

R. M. D. 3.

VICTORIA, B.C.

"My Favorite Roses and Why"

By R. Murrell, is a most distinctive and interesting booklet on the Rose that no amateur can afford to be without. Of course it is a catalogue too, listing the famous Rose Acre English Roses at most attractive prices. A free copy awaits your request.

C. A. CRUICKSHANK
32 Roslin Avenue
Toronto 12

Sole Canadian Representative for
Rose Acre Rose Nurseries
Shepperton-on-Thames, England

Canadian Rose Bushes

Bench Grown

Our plants give excellent satisfaction and are preferred to imported plants.

Prices on application

**JOHN H. DUNLOP
& SON, LIMITED**
8 West Adelaide Street
TORONTO, ONT.

**Greenhouses at
RICHMOND HILL, ONT.**

"These advertisers want our business. Show them preference in buying."

To Our Advertisers

We take this opportunity of thanking you for your advertising and hope that our business relationship will be of mutual benefit.

The Maccoomb Press

New Address :

104 BOND ST., TORONTO 2

ELGIN 4616

Everything in PRINTING effectively produced

S. TIDY & SON LIMITED

FLORISTS

AN IMPRESSION of a gift of flowers is often formed from their appearance before being unpacked. Our long experience in handling flowers insures their arrival in perfect condition and giving pleasure at sight.

ELGIN 5477-8

Store and Conservatory:
79 KING STREET WEST
TORONTO



== SLUG SHOT ==

Used from Ocean to Ocean for 35 Years

Sold by Seed Dealers of America

Saves Currants, Potatoes, Cabbage, Melons, Flowers, Trees and Shrubs from Insects. Put up in popular packages at popular prices. Write for free pamphlet on Bugs and Blights, etc., to B. HAMMOND, Beacon, New York.

USED IN CANADA FOR FORTY YEARS

"These advertisers want our business. Show them preference in buying."

King Edward Hotel

Toronto, Ontario

Where the Rose Exhibition takes place

AFTERNOON TEA SERVED
on the same floor as the Show
A LA CARTE SERVICE
all day in Main Restaurant

SUPPER DANCE every night except Sunday

P. K. HUNT, Manager

SEEDMAN'S LITHOGRAPHIC CO.

LIMITED

201 CARLAW AVENUE
TORONTO

Manufacturers of
lithographed Seed Packets
and Lawn Grass
cartons

"These advertisers want our business. Show them preference in buying."

BOOKS

on Gardening

Practical Book of Outdoor Flowers, 176 illustrations, by Richardson Wright, \$7.50

Gardens for Small Country Houses, by Jekyll & Weaver . . . \$8.50

Alpine Flowers and Rock Gardens, 50 illustrations in color . . \$5.00

Come in and enjoy looking about

TYRRELL'S

820 Yonge St. Toronto
Randolph 5121

Garden Planning

TO make your garden as much a part of the home as the living room, plant

CONNON'S

**Hardy Trees, Shrubs,
Roses, Perennials**

**JOHN CONNON CO.
LIMITED**

"Beautifiers of Home
Grounds"

HAMILTON, ONTARIO

WRITE FOR OUR 1928 CATALOGUE

Merryweathers' Celebrated Roses

We also stock the latest varieties of

**Exhibition Gladiolus
Irish Roses
Holland Roses
High-class Dahlias
Shrubs
Perennials
Bedding Plants**

Dahlias a Specialty

Cemetery Work, Floral Designs, Cut Flowers, Bulbs in season.

**E. Grainger & Co.
Limited**

Florists — Nurserymen
Rand. 0970 1360-61 Yonge St.
Everything for the Garden
Catalogue on request

ROSES

Over 100 choice varieties of Hybrid Perpetuals, Hybrid Teas, Climbers, Rugosas, Polyanthas, etc.; strong, two year, field-grown bushes that will please.

ORNAMENTAL

Trees, Shrubs, Vines, Evergreens, Hedge Plants, Hardy Perennials, Dahlias and Gladioli

Also a complete assortment of fruits and asparagus roots.

Our 40-page, illustrated catalogue will interest you. Send for it to-day

**The McConnell Nursery
Company**

PORT BURWELL, ONT.

"These advertisers want our business.

Show them preference in buying."

A Remarkable Discovery for Roses and other Plants



One of the Famous Hortogen Products

(ROSENBLUTH FORMULAE)

which are revolutionizing all known methods of horticulture, enabling the amateur to more closely approach the results obtained by the professional Rose grower.

All these sprays are complete, merely add water and use.

They are highly concentrated, and being soluble in water go about sixty times further than the amount you pay for.

These sprays all contain HORTOGEN, the nitrogenous element that fertilizes through the leaf—producing vigorous growth, fine foliage and amazing blooms.

EXCERPTS FROM AN OFFICIAL TEST

The American Rose Annual of 1926, published by the American Rose Society, page 78, reports the results of tests made in the Editor's garden of five preparations for eliminating Blackspot and Mildew, as follows: " * * The tests were begun May 20th, when all plants were in full leaf and growing well. * * * On July 25th, only one plot was clean, all others were spotted or scorched. * * The last observation (of this plot) was made October 1st, at which time it was clean and all other plots badly spotted. THE SUCCESSFUL MATERIAL WAS A PROPRIETARY PREPARATION known as FUNGTROGEN."



A highly concentrated fungicide that conquers Mildew and controls Black Spot on roses, phlox and other plants, and is an effective plant stimulant, as well.

PRICES (Wine Measure)

	4 Ounces	Half Pints	Pints	Quarts	Half Gallons	Gallons
Post prepaid	60c.	\$1.00	\$1.50	\$2.35	\$3.50	\$6.00
					Express f.o.b. Toronto	



For leaf-chewing insects—caterpillars, slug worms, Japanese beetles, etc., and blights. A powerful fertilizer. Used alternately with Fungtrogen. Both carry their own spreader.

PRICES (Wine Measure)

	4 Ounces	Half Pints	Pints	Quarts	Half Gallons	Gallons
Post prepaid	75c.	\$1.00	\$2.00	\$3.50	\$4.50	\$8.00
					Express f.o.b. Toronto	



PRICES

For Aphis-Plant Lice

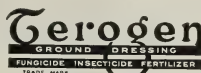
	Four Ounces	Half Pound	Two Pounds
Post prepaid	.75	\$1.50	\$3.85

These important ground dressings will be wonderful helps in controlling disease by imparting renewed vigor—resulting in thick new foliage and wonderful blooms.



Spring-Summer Ground Dressing and Ground Stabilizer. A valuable plant food. Reinforces manure fertilizer. Supplies essential chemical elements to the soil.

	Prices	By P.P
1 lb. tins.....	\$0.75	\$0.90
2 lb. tins.....	1.25	1.50



Autumn- Winter ground dressing. Destroys the spores of fungi of most diseases. A valuable fertilizer.

	Prices	By P.P.
5 lb. tins.....	\$2.75	\$3.10
10 lb. tins.....	4.75	5.20

NOTE: A 10 pound tin is sufficient for one application for 30 to 50 rose bushes.

Manufactured by
Rose Manufacturing Co.
Philadelphia

Distributed in Canada by
SEELY B. BRUSH
32 Lowther Ave. Toronto - K1. 5384

"These advertisers want our business. Show them preference in buying."

*The Horticulturist will find
complete supplies at
EATON'S...*

We carry (in season) thoroughly tested
flower, vegetable and farm seeds, also shrubs,
plants and Rose bushes, together with the
proper fertilizers to give the desired results,
and in the fall, Bulbs for winter planting!

Prices moderate!

—Fifth Floor, Albert Street

**THE GARDEN SECTION
Basement**

Hand Sprayers, 45c to \$1.35.

“Lightning” Galvanized Compressed Air
Sprayer, \$4.85.

“Eureka” Compressed Air Sprayer, galvan-
ized tank, \$7.35. With brass tank,
\$10.50.

—Basement, Queen Street

THE T. EATON CO. LIMITED
TORONTO CANADA

“These advertisers want our business. Show them preference in buying.”

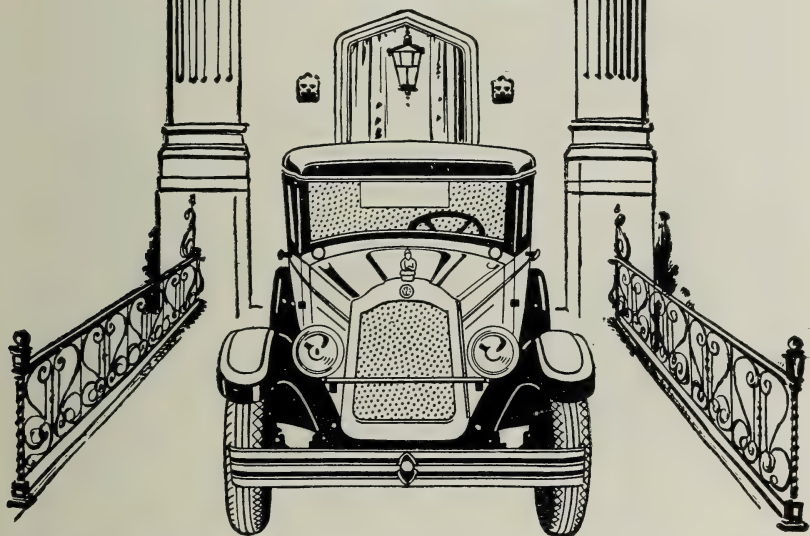


PERMANENCY IN MOTORING

In the new Willys-Knights you'll find the nearest approach to a permanent motor engine yet achieved.

The Willys-Knight is the only type of engine that actually improves with use. The longer you drive, the smoother, the quieter, and more powerful grows the famous sleeve-valve motor.

See the many beautiful models now on display. Willys-Overland Sales Co. Ltd., Toronto, Ont. Branches: Toronto, Montreal and Winnipeg.



WILLYS-KNIGHT

"These advertisers want our business. Show them preference in buying."

Beautify Your Home Surroundings with National Fertilizers

Steamed Bone Meal for Roses	\$3.50
Pure Ground Blood for Roses	5.10
Nitrate of Soda	4.50
Muriate of Potash	4.25
Sulphate of Ammonia	4.50
Sheep Manure, Wizard Brand	2.90
Garden, Lawn and Flower Fertilizer	4.00
Special Carnation Food	4.25
Dalhia Food	4.25

All per 100 lb. bags delivered anywhere in City
or freight prepaid in 300 lbs. and upwards



National Fertilizers Limited

2896 Dundas Street West
West Toronto 9

Phone Junction 1182

"These advertisers want our business. Show them preference in buying."

Three generations of
prestige behind the
matchless beauty of
every Ellis Faultless
Quality Diamond



The World's Greatest Artists to play your Mason & Risch

In your own home you can have Paderewski, Hofmann, Grainger, Ravel, or any of the outstanding pianists of genius who record exclusively for the Duo-Art, play for you, whenever you will.

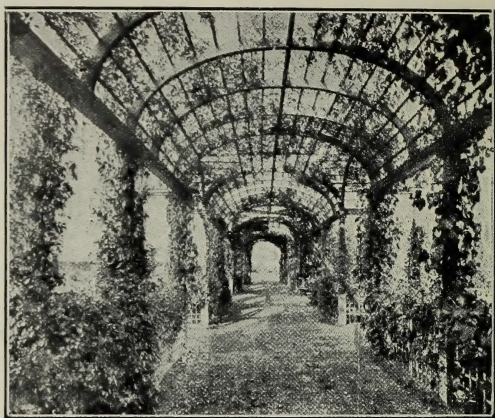
The DUO-ART Reproducing Piano—



—only in pianos of peerless prestige, the Steinway, the Steck, and the Weber, it is installed exclusively in Canada in the Mason & Risch. So many great pianists record for the Duo-Art that an all-embracing musical library is available.

MASON & RISCH
Limited
230 YONGE STREET
TORONTO
Canada

"These advertisers want our business. Show them preference in buying."



Roses for all Purposes

Immense stocks enable us to supply your requirements in Hybrid Teas, Hybrid Perpetuals, Single Decorative, Polyantha, Pompon, Tall Standard, Weeping Standards, and several species.

McDonald's Garden Book
Free upon request.



Kenneth M'Donald
& Sons Limited
Seeds Ottawa, Can.
Market Sq.
MAPLEWOOD NURSERIES



"These advertisers want our business. Show them preference in buying."

